

FOR:
**CAPTAIN JAMES A. LOVELL
FEDERAL HEALTH CARE CENTER**

100% ISSUE FOR BID SET
MAY 17, 2013

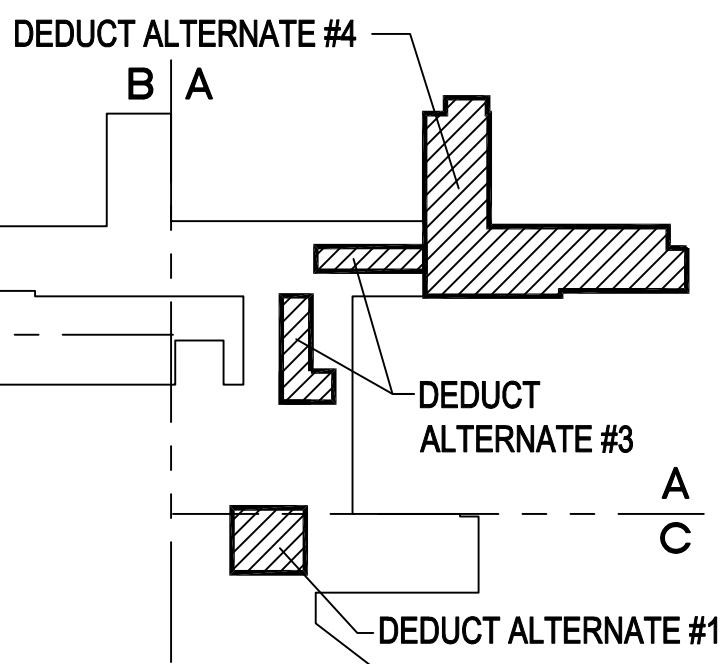
ADDRESS:
**3001 GREEN BAY ROAD
NORTH CHICAGO, IL 60064**

PROJECT DESCRIPTION:
**BUILDING 133 OR-GI-ON
2ND AND 3RD FLOORS RENOVATIONS**

SHEET INDEX

GENERAL	GASTROINTESTINAL DEPARTMENT (GI)	ONCOLOGY DEPARTMENT (ON)
<p>G-000 COVER SHEET</p> <p>G-001 NOTES, SYMBOLS, AND STANDARD MOUNTING HEIGHTS</p> <p>G-002 SECOND FLOOR LIFE SAFETY PLAN</p> <p>G-003 THIRD FLOOR LIFE SAFETY PLAN</p> <p>G-004 SECOND FLOOR PHASING PLAN</p> <p>G-005 THIRD FLOOR PHASING PLAN</p> <p>G-006 SITE PLAN</p> <p>G-007 PRESSURE PLAN</p> <p>G-008 PLUMBING RISER IMPACT PLAN</p> <p>G-009 PNEUMATIC TUBE SYSTEM PLAN</p> <p>G-010 PNEUMATIC TUBE SYSTEM DETAILS</p> <p>G-011 PNEUMATIC TUBE SYSTEM DETAILS</p>	<p>ARCHITECTURAL</p> <p>A-GI-101 PARTIAL THIRD FLOOR DEMOLITION PLAN</p> <p>A-GI-102 PARTIAL THIRD FLOOR DEMOLITION PLAN</p> <p>A-GI-201 PARTIAL THIRD FLOOR ARCHITECTURAL PLAN</p> <p>A-GI-202 PARTIAL THIRD FLOOR ARCHITECTURAL PLAN</p> <p>A-GI-211 PARTIAL THIRD FLOOR WALL PROTECTION PLAN</p> <p>A-GI-212 PARTIAL THIRD FLOOR WALL PROTECTION PLAN</p> <p>A-GI-301 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN</p> <p>A-GI-302 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN</p> <p>A-GI-401 PARTIAL THIRD FLOOR SIGNAGE PLAN</p> <p>A-GI-402 PARTIAL THIRD FLOOR SIGNAGE PLAN</p> <p>A-GI-403 SIGNAGE TYPES AND DETAILS</p> <p>A-GI-404 SIGNAGE TYPES AND DETAILS</p> <p>A-GI-405 SIGNAGE TYPES AND DETAILS</p> <p>A-GI-501 ENLARGED TOILET ROOM PLANS ELEVATIONS AND DETAILS</p> <p>A-GI-601 PARTITION TYPES AND PLAN DETAILS</p> <p>A-GI-602 DOOR AND FRAME SCHEDULE AND DETAILS</p> <p>A-GI-603 CEILING DETAILS</p> <p>A-GI-701 INTERIOR ELEVATIONS</p> <p>A-GI-721 MILLWORK DETAILS</p> <p>A-GI-722 MILLWORK DETAILS</p> <p>A-GI-801 PARTIAL THIRD FLOOR FINISH PLAN</p> <p>A-GI-802 PARTIAL THIRD FLOOR FINISH PLAN</p> <p>A-GI-821 ROOM FINISH SCHEDULE AND DETAILS</p> <p>A-GI-822 ROOM FINISH SCHEDULE AND DETAILS</p> <p>A-GI-901 PARTIAL THIRD FLOOR EQUIPMENT PLAN</p> <p>A-GI-902 PARTIAL THIRD FLOOR EQUIPMENT PLAN</p>	<p>ARCHITECTURAL</p> <p>A-ON-101 PARTIAL THIRD FLOOR DEMOLITION PLAN</p> <p>A-ON-201 PARTIAL THIRD FLOOR ARCHITECTURAL PLAN</p> <p>A-ON-211 PARTIAL THIRD FLOOR WALL PROTECTION PLAN</p> <p>A-ON-301 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN</p> <p>A-ON-401 PARTIAL THIRD FLOOR SIGNAGE PLAN</p> <p>A-ON-402 SIGNAGE TYPE AND DETAILS</p> <p>A-ON-403 SIGNAGE TYPE AND DETAILS</p> <p>A-ON-404 SIGNAGE TYPES AND DETAILS</p> <p>A-ON-501 ENLARGED TOILET PLANS, ELEVATIONS AND DETAILS</p> <p>A-ON-601 PARTITION TYPES AND PLAN DETAILS</p> <p>A-ON-602 DOOR AND FRAME SCHEDULE AND DETAILS</p> <p>A-ON-603 CEILING DETAILS</p> <p>A-ON-701 INTERIOR ELEVATIONS</p> <p>A-ON-721 MILLWORK DETAILS</p> <p>A-ON-722 MILLWORK DETAILS</p> <p>A-ON-801 PARTIAL THIRD FLOOR FINISH PLAN</p> <p>A-ON-821 ROOM FINISH SCHEDULE AND DETAILS</p> <p>A-ON-901 PARTIAL THIRD FLOOR EQUIPMENT PLAN</p>
<p>SURGERY DEPARTMENT (OR)</p> <p>ARCHITECTURAL</p> <p>A-OR-101 PARTIAL SECOND FLOOR DEMOLITION PLAN</p> <p>A-OR-201 PARTIAL SECOND FLOOR ARCHITECTURAL PLAN</p> <p>A-OR-211 PARTIAL SECOND FLOOR WALL PROTECTION PLAN</p> <p>A-OR-301 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN</p> <p>A-OR-401 PARTIAL SECOND FLOOR SIGNAGE PLAN</p> <p>A-OR-402 SIGNAGE TYPES AND DETAILS</p> <p>A-OR-403 SIGNAGE TYPES AND DETAILS</p> <p>A-OR-601 PARTITION TYPES AND PLAN DETAILS</p> <p>A-OR-602 DOOR AND FRAME SCHEDULE AND DETAILS</p> <p>A-OR-603 CEILING DETAILS</p> <p>A-OR-701 INTERIOR ELEVATIONS</p> <p>A-OR-721 MILLWORK DETAILS</p> <p>A-OR-801 PARTIAL SECOND FLOOR FINISH PLAN</p> <p>A-OR-821 ROOM FINISH SCHEDULE AND DETAILS</p> <p>A-OR-901 PARTIAL SECOND FLOOR EQUIPMENT PLAN</p>	<p>MECHANICAL</p> <p>M-GI-001 MECHANICAL NOTES AND SYMBOLS</p> <p>M-GI-002 MECHANICAL SCHEDULES AND DETAILS</p> <p>M-GI-003 MECHANICAL EQUIPMENT SCHEDULE</p> <p>M-GI-101 THIRD FLOOR MECHANICAL DEMOLITION PLAN</p> <p>M-GI-102 THIRD FLOOR MECHANICAL DEMOLITION PLAN</p> <p>M-GI-201 THIRD FLOOR NEW MECHANICAL PLAN</p> <p>M-GI-202 THIRD FLOOR NEW MECHANICAL PLAN</p> <p>M-GI-203 PENTHOUSE - MECHANICAL REVISIONS PLAN</p> <p>M-GI-301 THIRD FLOOR PIPING DEMOLITION PLAN</p> <p>M-GI-302 THIRD FLOOR PIPING DEMOLITION PLAN</p> <p>M-GI-401 THIRD FLOOR NEW PIPING PLAN</p> <p>M-GI-402 THIRD FLOOR NEW PIPING PLAN</p> <p>M-GI-501 MECHANICAL DETAILS</p> <p>M-GI-601 MECHANICAL DETAILS</p>	<p>MECHANICAL</p> <p>M-ON-001 MECHANICAL NOTES AND SYMBOLS</p> <p>M-ON-002 MECHANICAL SCHEDULES AND DETAILS</p> <p>M-ON-003 MECHANICAL EQUIPMENT SCHEDULE</p> <p>M-ON-101 THIRD FLOOR MECHANICAL DEMOLITION PLAN</p> <p>M-ON-201 THIRD FLOOR NEW MECHANICAL PLAN</p> <p>M-ON-203 PENTHOUSE - MECHANICAL REVISIONS PLAN</p> <p>M-ON-301 THIRD FLOOR PIPING DEMOLITION PLAN</p> <p>M-ON-401 THIRD FLOOR NEW PIPING PLAN</p> <p>M-ON-501 MECHANICAL DETAILS</p> <p>M-ON-601 MECHANICAL DETAILS</p>
<p>ELECTRICAL</p> <p>E-GI-001 ELECTRICAL NOTES AND SYMBOLS</p> <p>E-GI-101 THIRD FLOOR POWER AND LIGHTING DEMOLITION PLAN</p> <p>E-GI-102 THIRD FLOOR POWER AND LIGHTING DEMOLITION PLAN</p> <p>E-GI-201 THIRD FLOOR NEW POWER PLAN</p> <p>E-GI-202 THIRD FLOOR NEW POWER PLAN</p> <p>E-GI-203 PENTHOUSE - ELECTRICAL REVISIONS PLAN</p> <p>E-GI-301 THIRD FLOOR NEW HVAC CONTROLS PLAN</p> <p>E-GI-302 THIRD FLOOR NEW HVAC CONTROLS PLAN</p> <p>E-GI-401 THIRD FLOOR NEW LIGHTING PLAN</p> <p>E-GI-402 THIRD FLOOR NEW LIGHTING PLAN</p> <p>E-GI-501 THIRD FLOOR EMERGENCY LIGHTING AND EXIT SIGN PLAN</p> <p>E-GI-502 THIRD FLOOR EMERGENCY LIGHTING AND EXIT SIGN PLAN</p> <p>E-GI-601 THIRD FLOOR FIRE ALARM SYSTEM PLAN</p> <p>E-GI-602 THIRD FLOOR FIRE ALARM SYSTEM PLAN</p> <p>E-GI-701 THIRD FLOOR NURSE CALL SYSTEM PLAN</p> <p>E-GI-702 THIRD FLOOR NURSE CALL SYSTEM PLAN</p> <p>E-GI-801 THIRD FLOOR DATA / PHONE SYSTEM PLAN</p> <p>E-GI-802 THIRD FLOOR DATA / PHONE SYSTEM PLAN</p> <p>E-GI-901 THIRD FLOOR SCHEDULES</p> <p>E-GI-902 ELECTRICAL DETAILS</p> <p>E-GI-903 ELECTRICAL DETAILS AND ELEVATIONS</p>	<p>ELECTRICAL</p> <p>E-GI-001 ELECTRICAL NOTES AND SYMBOLS</p> <p>E-GI-101 THIRD FLOOR POWER AND LIGHTING DEMOLITION PLAN</p> <p>E-GI-102 THIRD FLOOR POWER AND LIGHTING DEMOLITION PLAN</p> <p>E-GI-201 THIRD FLOOR NEW POWER PLAN</p> <p>E-GI-202 THIRD FLOOR NEW POWER PLAN</p> <p>E-GI-203 PENTHOUSE - ELECTRICAL REVISIONS PLAN</p> <p>E-GI-301 THIRD FLOOR NEW HVAC CONTROLS PLAN</p> <p>E-GI-302 THIRD FLOOR NEW HVAC CONTROLS PLAN</p> <p>E-GI-401 THIRD FLOOR NEW LIGHTING PLAN</p> <p>E-GI-402 THIRD FLOOR NEW LIGHTING PLAN</p> <p>E-GI-501 THIRD FLOOR EMERGENCY LIGHTING AND EXIT SIGN PLAN</p> <p>E-GI-502 THIRD FLOOR EMERGENCY LIGHTING AND EXIT SIGN PLAN</p> <p>E-GI-601 THIRD FLOOR FIRE ALARM SYSTEM PLAN</p> <p>E-GI-602 THIRD FLOOR FIRE ALARM SYSTEM PLAN</p> <p>E-GI-701 THIRD FLOOR NURSE CALL SYSTEM PLAN</p> <p>E-GI-702 THIRD FLOOR NURSE CALL SYSTEM PLAN</p> <p>E-GI-801 THIRD FLOOR DATA / PHONE SYSTEM PLAN</p> <p>E-GI-802 THIRD FLOOR DATA / PHONE SYSTEM PLAN</p> <p>E-GI-901 THIRD FLOOR SCHEDULES</p> <p>E-GI-902 ELECTRICAL DETAILS</p> <p>E-GI-903 ELECTRICAL DETAILS AND ELEVATIONS</p>	<p>ELECTRICAL</p> <p>E-ON-001 ELECTRICAL NOTES AND SYMBOLS</p> <p>E-ON-101 THIRD FLOOR POWER AND LIGHTING DEMOLITION PLAN</p> <p>E-ON-201 THIRD FLOOR NEW POWER PLAN</p> <p>E-ON-203 PENTHOUSE - ELECTRICAL REVISIONS PLAN</p> <p>E-ON-301 THIRD FLOOR HVAC CONTROLS PLAN</p> <p>E-ON-401 THIRD FLOOR NEW LIGHTING PLAN</p> <p>E-ON-501 THIRD FLOOR EMERGENCY LIGHTING AND EXIT SIGN PLAN</p> <p>E-ON-601 THIRD FLOOR FIRE ALARM SYSTEM PLAN</p> <p>E-ON-701 THIRD FLOOR NURSE CALL SYSTEM PLAN</p> <p>E-ON-801 THIRD FLOOR DATA / PHONE SYSTEM PLAN</p> <p>E-ON-901 THIRD FLOOR SCHEDULES</p> <p>E-ON-902 ELECTRICAL DETAILS</p>
<p>PLUMBING</p> <p>P-GI-001 PLUMBING GENERAL NOTES AND SYMBOLS</p> <p>P-GI-101 SECOND FLOOR PLUMBING DEMOLITION PLAN</p> <p>P-GI-201 SECOND FLOOR NEW PLUMBING PLAN</p>	<p>PLUMBING</p> <p>P-GI-001 PLUMBING GENERAL NOTES AND SYMBOLS</p> <p>P-GI-101 THIRD FLOOR PLUMBING DEMOLITION PLAN</p> <p>P-GI-102 THIRD FLOOR PLUMBING DEMOLITION PLAN</p> <p>P-GI-201 SECOND FLOOR NEW PLUMBING PLAN</p> <p>P-GI-202 SECOND FLOOR NEW PLUMBING PLAN</p> <p>P-GI-203 THIRD FLOOR NEW PLUMBING PLAN</p> <p>P-GI-204 THIRD FLOOR NEW PLUMBING PLAN</p> <p>P-GI-301 PLUMBING DETAILS</p>	<p>PLUMBING</p> <p>P-ON-001 PLUMBING GENERAL NOTES AND SYMBOLS</p> <p>P-ON-101 THIRD FLOOR PLUMBING DEMOLITION PLAN</p> <p>P-ON-201 SECOND FLOOR NEW PLUMBING PLAN</p> <p>P-ON-202 THIRD FLOOR NEW PLUMBING PLAN</p> <p>P-ON-301 PLUMBING DETAILS</p>
<p>MEDICAL GAS</p> <p>MG-GI-101 SECOND FLOOR MEDICAL GAS DEMOLITION PLAN</p> <p>MG-GI-201 SECOND FLOOR NEW MEDICAL GAS PLAN</p>	<p>MEDICAL GAS</p> <p>MG-GI-101 THIRD FLOOR MEDICAL GAS DEMOLITION PLAN</p> <p>MG-GI-201 THIRD FLOOR NEW MEDICAL GAS PLAN</p> <p>MG-GI-202 THIRD FLOOR NEW MEDICAL GAS PLAN</p>	<p>MEDICAL GAS</p> <p>MG-ON-101 THIRD FLOOR MEDICAL GAS DEMOLITION PLAN</p> <p>MG-ON-201 THIRD FLOOR NEW MEDICAL GAS PLAN</p>
<p>FIRE PROTECTION</p> <p>FP-GI-201 SECOND FLOOR NEW SPRINKLER PLAN</p> <p>FP-GI-501 SPRINKLER DETAILS</p>	<p>FIRE PROTECTION</p> <p>FP-GI-201 THIRD FLOOR NEW SPRINKLER PLAN</p> <p>FP-GI-501 SPRINKLER DETAILS</p>	<p>FIRE PROTECTION</p> <p>FP-ON-201 THIRD FLOOR NEW SPRINKLER PLAN</p> <p>FP-ON-501 SPRINKLER DETAILS</p>

AREA MAP



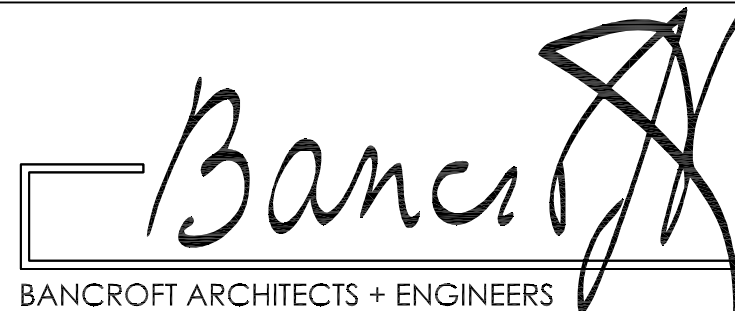
TYPE OF WORK	DESCRIPTION OF WORK TO BE DEDUCTED
DEDUCT DEMO OF EXISTING VINYL FLOOR	CONTRACTOR WILL REMOVE AND DISPOSE OF THE VCT IN A SAFE MANNER. REMAINING MASTIC WILL BE REMOVED TO ENSURE A SMOOTH SURFACE FOR INSTALLATION OF A NEW FLOOR.
DEDUCT DEMO OF EXISTING WALL COVERINGS	REMOVE AND DISPOSE OF FABRIC TYPE WALL TREATMENTS WHERE APPLICABLE. MATERIAL CAN BE REMOVED AS A SHEET WITH A CAREFUL MANNER. WALL SHOULD BE SANDED SMOOTH AND ALL REMAINING ADHESIVE REMOVED IN PREPARATION OF PAINTING.
DEDUCT DEMO OF BASE MOLDING	REMOVE IN A CAREFUL MANNER BASE MOLDING
DEDUCT DEMO OF EXISTING SUSPENDED CEILING AND GRID	REMOVE AND DISPOSE OF T-BARS, ANGLE WALL SUPPORTS AND TILES.
DEDUCT DEMO AND DISPOSAL OF EXISTING CEILING LIGHT FIXTURES	REMOVE AND DISPOSE OF ALL LIGHTING FIXTURES. CONTRACTOR WILL DISPOSE OF BULBS IN A SAFE AND RESPONSIBLE MANNER.
DEDUCT DEMO OF CPVC FIRE PROTECTION PIPE	REMOVE PVC FIRE PROTECTION PIPING IN ANTICIPATION OF REPLACEMENT WITH NEW BLACK PIPE. CONTRACTOR WILL PROVIDE ALL NECESSARY SAFETY PRECAUTIONS, FIRE WATCH AND COORDINATION PRIOR TO ANY WORK.
DEDUCT DEMO OF DUCT WORK	DUCT WORK DEMO IS NOT IN SCOPE. MODIFICATIONS TO THE DUCTWORK SHOULD BE INCLUDED IN BASE BID.
DEDUCT DEMO OF ELECTRICAL	ELECTRICAL DEMO IS NOT IN SCOPE. MODIFICATIONS TO THE ELECTRICAL SHOULD BE INCLUDED IN BASE BID. WHIPS FEEDING EXISTING LIGHTING SHOULD REMAIN AND MADE SAFE FOR FUTURE USE. EXISTING WALL SWITCHES AND RECEPTICALS SHOULD REMAIN IN PLACE. MADE SAFE FOR FUTURE USE.
DEDUCT WALLS - PREP	CONTRACTOR WILL INSTALL NEW SHORT WALL AND PATCH AND REPAIR WALLS AS NEEDED PRIOR TO PAINTING. ALL WALL SURFACES SHOULD BE SMOOTH AND FREE OF DEFECTS.
DEDUCT WALLS-PAINTING	ELECTRICAL DEMO IS NOT IN SCOPE. MODIFICATIONS TO THE ELECTRICAL SHOULD BE INCLUDED IN BASE BID. WHIPS FEEDING EXISTING LIGHTING SHOULD REMAIN AND MADE SAFE FOR FUTURE USE. EXISTING WALL SWITCHES AND RECEPTICALS SHOULD REMAIN IN PLACE. MADE SAFE FOR FUTURE USE.
DEDUCT WALLS-VINYL TRIM	CONTRACTOR WILL INSTALL NEW BASE TRIM PER FINISH ROOM SCHEDULE AND APPLICABLE SPEC.
DEDUCT CEILING - GYP	PATCH AND REPAIR AS REQUIRED
DEDUCT FIXTURES	CONTRACTOR WILL ENSURE THAT ALL EXISTING WALL AND CEILING MOUNTED DEVICES (example: EXIT SIGNS) WILL REMAIN IN PLACE IN A FUNCTIONAL MANNER. BE KEPT CLEAN AND UNDAMAGED IN ANY WAY.
DEDUCT LIGHTING	CONTRACTOR WILL INSTALL NEW LIGHTING FIXTURES PER SCHEDULE.
DEDUCT DOORS AND HARDWARE	EXISTING FRAMES TO REMAIN FOR PATHOLOGY OFFICE. USE EXISTING TOILET ROOM DOOR. NEW DOOR INTO SMALL HALLWAY. PAINT FRAMES TO MATCH FINISH PLAN.

CODE INFORMATION

APPLICABLE CODES AND STANDARDS	FIRE RESISTIVE RATINGS	BUILDING DATA
<p>1. VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (http://www.cfm.va.gov/til/).</p> <p>2. INTERNATIONAL BUILDING CODE (IBC) 2012</p> <p>3. NFPA 101 LIFE SAFETY CODE 2012</p> <p>4. NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900</p> <p>5. OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.</p> <p>6. VA SEISMIC DESIGN REQUIREMENTS, H-18-B</p> <p>7. NATIONAL ELECTRICAL CODE (NEC) 2011</p> <p>8. NATIONAL STANDARD PLUMBING CODE (NSPC) 2012</p> <p>9. ASME BOILER AND PRESSURE VESSEL CODE 2010</p> <p>10. ASME CODE FOR PRESSURE PIPING</p> <p>11. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE. (PG-18-13)</p> <p>12. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)</p>	<p>BUILDING</p> <p>USE (FIRE AREA)</p> <p>APPLICABLE CODE</p> <p>AUTOMATIC SPRINKLER SYSTEM REQUIREMENT</p> <p>STANDPIPE SYSTEM REQUIREMENT</p> <p>EXTERIOR BEARING WALLS (N.A.)</p> <p>SUPPORTING MORE THAN ONE FLOOR</p> <p>SUPPORTING ROOF ONLY</p> <p>INTERIOR BEARING WALL (N.A.)</p> <p>SUPPORTING MORE THAN ONE FLOOR</p> <p>SUPPORTING ONE FLOOR ONLY</p> <p>SUPPORTING ROOF ONLY</p> <p>COLUMNS, BEAMS, GIRDERS, TRUSSES</p> <p>SUPPORTING MORE THAN ONE FLOOR</p> <p>SUPPORTING ONE FLOOR ONLY</p> <p>SUPPORTING ROOF ONLY</p> <p>FLOOR CONSTRUCTION</p> <p>ROOF CONSTRUCTION</p> <p>EXTERIOR NON-BEARING WALLS</p> <p>HORIZONTAL EXIT</p> <p>FIRE WALLS / PARTY WALLS</p> <p>FIRE SEPARATION ASSEMBLIES</p> <p>EXITS AND SHAFTS < 4 STORIES</p> <p>EXITS AND SHAFTS > 4 STORIES</p> <p>MIXED USE AND OTHER SEPARATIONS</p> <p>PARTITIONS; PERMANENT</p> <p>FIRE PARTITIONS; CORRIDORS</p> <p>SMOKE BARRIER (PARTITION)</p> <p>TRAVEL DISTANCE TO EXIT</p> <p>FROM ROOM DOOR TO EXIT</p> <p>FROM ANYWHERE IN ROOM TO EXIT</p> <p>INCREASE WITH AUTOMATIC SPRINKLER SYSTEM</p> <p>WITHIN A SUITE OF ROOMS TO EXIT DOOR</p>	<p>BUILDING 133 & 133CA</p> <p>IBC, 2012</p> <p>NFPA 101, 2012</p> <p>USE GROUP</p> <p>CONSTRUCTION TYPE</p> <p>ALLOWABLE HEIGHT</p> <p>AUTOMATIC SPRINKLER INCREASE</p> <p>MAXIMUM ALLOWABLE HEIGHT</p> <p>ALLOWABLE AREA</p> <p>MULTI-STORY AREA INCREASE</p> <p>100% ALLOWABLE TABULAR AREA</p> <p>STREET FRONTAGE</p> <p>100% AUTOMATIC SPRINKLER</p> <p>MAXIMUM ALLOWABLE ARE(S,F,FLR.)</p> <p>MAXIMUM ALLOWABLE ARE(S,F,TOTAL BLDG.)</p> <p>ACTUAL HEIGHT</p> <p>ACTUAL AREA (BUILDING FOOTPRINT)(1st FLOOR)</p> <p>BUILDING 133 & 133CA (FULLY SPRINKLED)</p> <p>IBC, 2012</p> <p>NFPA 101, 2012</p> <p>USE GROUP</p> <p>CONSTRUCTION TYPE</p> <p>ALLOWABLE HEIGHT</p> <p>AUTOMATIC SPRINKLER INCREASE</p> <p>MAXIMUM ALLOWABLE HEIGHT</p> <p>ALLOWABLE AREA</p> <p>MULTI-STORY AREA INCREASE</p> <p>100% ALLOWABLE TABULAR AREA</p> <p>STREET FRONTAGE</p> <p>100% AUTOMATIC SPRINKLER</p> <p>MAXIMUM ALLOWABLE ARE(S,F,FLR.)</p> <p>MAXIMUM ALLOWABLE ARE(S,F,TOTAL BLDG.)</p> <p>ACTUAL HEIGHT</p> <p>ACTUAL AREA (BUILDING FOOTPRINT)(1st FLOOR)</p>
<p>ABA COMPLIANCE</p> <p>PER CBC CHAPTER 18-11117.3.4 AND ICC/ANSI-A117.1- 2003 THE FOLLOWING COMPLY FULLY:</p> <p>1. ACCESSIBLE MAIN ENTRY</p> <p>2. ACCESSIBLE ROUTE FROM ENTRY TO ELEVATOR LOBBY & ACCESSIBLE ELEVATOR TO 2nd AND 3rd FLOORS</p> <p>3. ACCESSIBLE MEN'S AND WOMEN'S TOILET ROOMS ARE ON 2nd and 3rd FLOORS.</p> <p>4. ACCESSIBLE HI-LO DRINKING FOUNTAINS ARE ON 2nd and 3rd FLOORS.</p> <p>5. ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48"</p> <p>6. ALL SIGNAGE COMPLIES - IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR. INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.</p> <p>7. ALL STORAGE AREAS FULLY COMPLY - CLOSET RODS, WALL MOUNTED CABINERY AND ANY TYPE OF SHELVEING IS AT 48" AFF TO TOP OF BOTTOM SHELF.</p>	<p>BUILDING 133 & 133CA</p> <p>IBC, 2012</p> <p>NFPA 101, 2012</p> <p>USE GROUP</p> <p>CONSTRUCTION TYPE</p> <p>ALLOWABLE HEIGHT</p> <p>AUTOMATIC SPRINKLER INCREASE</p> <p>MAXIMUM ALLOWABLE HEIGHT</p> <p>ALLOWABLE AREA</p> <p>MULTI-STORY AREA INCREASE</p> <p>100% ALLOWABLE TABULAR AREA</p> <p>STREET FRONTAGE</p> <p>100% AUTOMATIC SPRINKLER</p> <p>MAXIMUM ALLOWABLE ARE(S,F,FLR.)</p> <p>MAXIMUM ALLOWABLE ARE(S,F,TOTAL BLDG.)</p> <p>ACTUAL HEIGHT</p> <p>ACTUAL AREA (BUILDING FOOTPRINT)(1st FLOOR)</p>	<p>HAZARDOUS AREA SEPARATION PROTECTION</p> <p>APPLICABLE CODE</p> <p>IBC, 2012</p> <p>NFPA 101, 2012</p> <p>USE GROUP</p> <p>CONSTRUCTION TYPE</p> <p>ALLOWABLE HEIGHT</p> <p>AUTOMATIC SPRINKLER INCREASE</p> <p>MAXIMUM ALLOWABLE HEIGHT</p> <p>ALLOWABLE AREA</p> <p>MULTI-STORY AREA INCREASE</p> <p>100% ALLOWABLE TABULAR AREA</p> <p>STREET FRONTAGE</p> <p>100% AUTOMATIC SPRINKLER</p> <p>MAXIMUM ALLOWABLE ARE(S,F,FLR.)</p> <p>MAXIMUM ALLOWABLE ARE(S,F,TOTAL BLDG.)</p> <p>ACTUAL HEIGHT</p> <p>ACTUAL AREA (BUILDING FOOTPRINT)(1st FLOOR)</p>

100% ISSUE FOR BID	04-16-2013
100% CD Review	03-28-2013
99% CD Internal QA/QC	03-20-2013
90% CD Submission	02-08-2013
QA/QC Review	01-29-2013
50% Life Safety Review Package	01-07-2013
50% CD Submission	12-28-2012
Design Development	11-08-2012
Revisions	Date

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Drawing Title
COVER SHEET

Approved Project Director
-
VAFACIS PLANNING AND ENGINEERING

Project Title
LOVELL FHCC
OR-GI-ON RENOVATIONS
SECOND AND THIRD FLOORS

Location
NORTH CHICAGO, IL

Date
05-17-2013

Checked
Drawn

Project Number
#556-12-127

Building Number
133

Drawing Number
G-000

Office of
Construction
and Facilities
Management



(NOTE: THIS IS A "UNIVERSAL SHEET", ITEMS SHOWN MAY NOT ALL BE APPLICABLE TO THIS PROJECT)

- EVERY ITEM SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.

[illegible]

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Drawing Title
NOTES, SYMBOLS, AND
STANDARD MOUNTING HEIGHTS
Approved Project Director
VARPHOS PLANNING AND ENGINEERING

Drawing Title	NOTES, SYMBOLS, AND
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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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<	And	DM.	Dimension	HORIZ.	Horizontal	O.A.	Overall	SQ.	Square
>	Angle	DN.	Down	HT.	Height	O.C.	O.D.	STD.	Standard
@	At	Detail	Drawing	INSUL.	Insulation/insulating	O.H.	Deposite Hand	SIL.	Steel
Ø	Centerline	DMS.	Drawing	INT.	Interior	OPN'g	Opening	STOR.	Storage
∅	Diameter					O.P.	Operable Partition	STRUC.	Structural
∅								SUSP.	Suspended
∅	Acoustical Ceiling Tile	E.A.	East	JAN.	Janitor	PEBC	Pre-Engineered	TEMP	Sheet Vinyl
∅	Above Finished Floor	E.A.	Each	JST.	Joist		Contractor	TEMP	Tempered
∅	Approximate	ELEC.	Electrical	JT.	Joint	PL	Plate	TERF.	Terazzo
∅	Adhesive	ELEV.	Elevation	LAM.	Laminate	PLM	Plastic Laminote	T&G	Tongue and Groove
∅	Aluminum	E.M.C.	Electric Water Cooler	LAV.	Lavatory	PLAS.	Plastic	THK	Thick
∅		E.XST.	Existing	MAT.	Material	PR.	Pair	TP.	Typical
∅	Batten	EXP.	Exposed	MAX.	Maximum	PRE.	Prefinished	TP.	Top of
∅	Building	EXT.	Exterior	MCH.	Mechanical	P.T.M.E.	Point to Match Existing	U.N.O.	Unless Noted
∅	Blocking			MECH.	Manufacturer	P.N.	Partition		Otherwise
∅	Beam	F.A.	Fire Alarm	MN.	Minimum	PROVIDE	Furnish and Install	V.C.T.	Vinyl Composition Tile
∅	By Owner	F.D.	Fire Alarm	M.R.	Miscellaneous	RENF.	Reinforced	VERT.	Vertical
∅	B.O.	F.DN.	Foundation	M.T.	Moisture Resistant	REDD.	Requred	VEST.	Vestibule
∅	Bottom of Steel	FIN.	Fire Extinguisher	M.O.	Moisture Resistant	R.O.	Room	V.W.C.	Very in Field
∅		F.T.	Finish	MTL.	Moisture Resistant				Verify in Field
∅	Control Joint	F.T.	Foot of Foot	MTD.	Mounted				Vinyl Wall Covering
∅	Center Line	FTG.	Foot of Feet						West
∅	Carpet								W/W
∅	Cement								W.C.
∅	Ceiling Tile								W.C. Closet
∅	Column								W.D.
∅	Concrete Masonry Unit								W/O
∅	Column	GA	Gauge	N.C.	Natural	S	South	W.T.	Without
∅	Concrete	GWB.	Glass	N.T.	Not to Scale	SCHED.	Schedule	WT	Weight
∅	Continuous	HDR.	Gypsum Wall Board	N.TS	No Finish	SHIT.	Sheet	W.W.M.	Welded Wire Mesh
∅	CTR.	H.M.	Hollow Metal	N.O.		SM.	Similar	WC	Wall Covering
∅	Drinking Fountain					SPEC.	Specification		
∅	D.F.								
∅	D.A.								

Project Title
LOVELL FHCC
OR-GI-ON RENOVATIONS
SECOND AND THIRD FLOORS

Project Title	BO-S. AND LOVELL EHCC
---------------	-----------------------

SECOND AND THIRD FLOORS

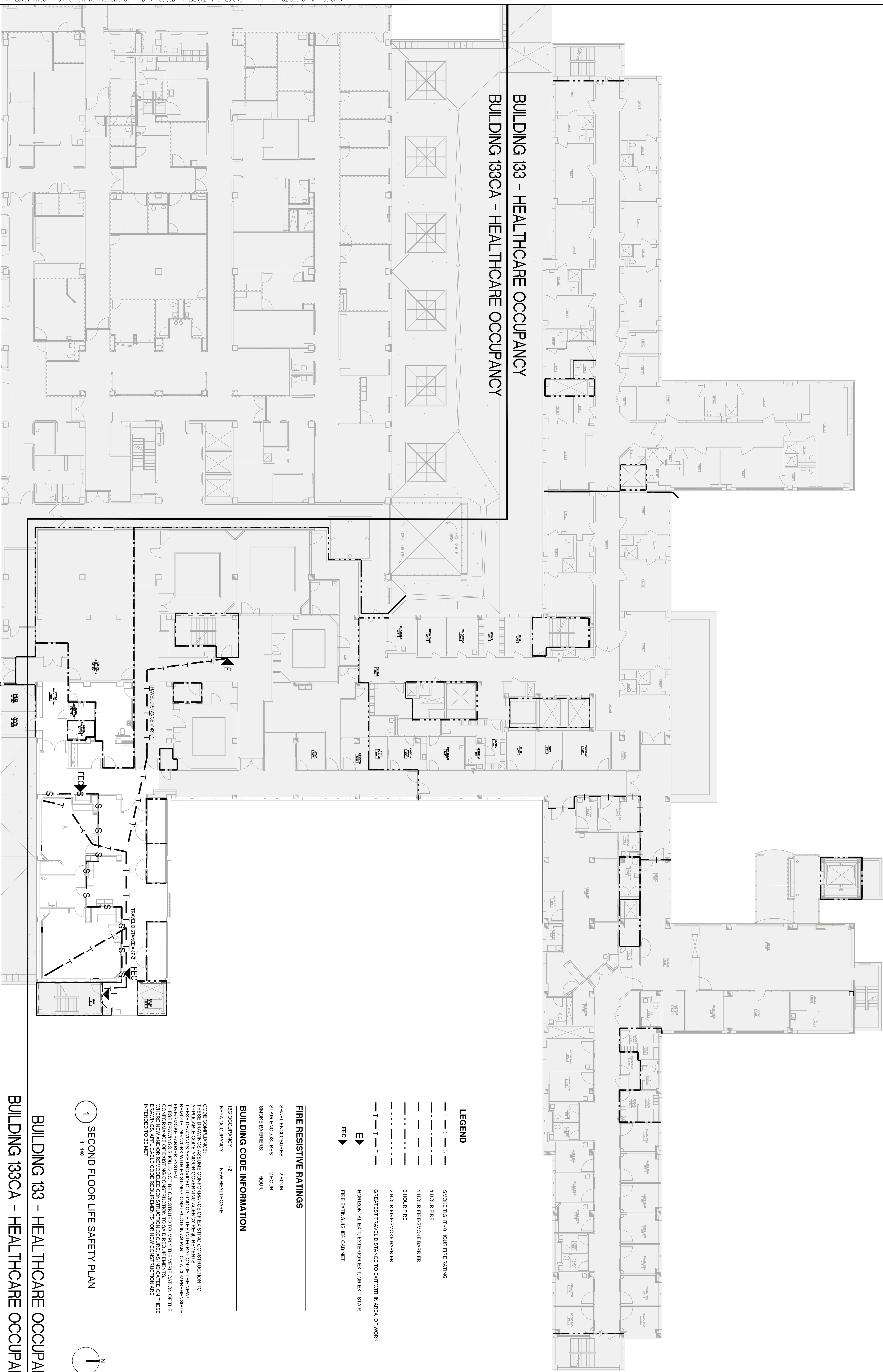
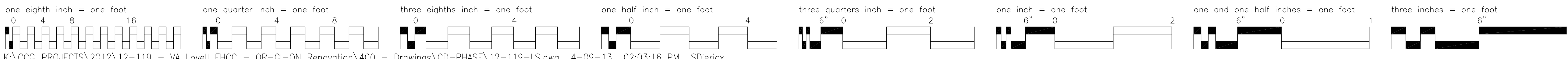
NORTH CHICAGO, IL	
Date	04-10-2023
Checked	
Drawn	

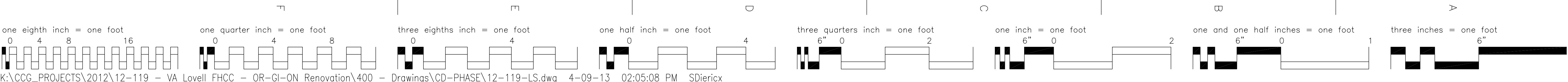
Office of

and Facilities

Department of Mathematics

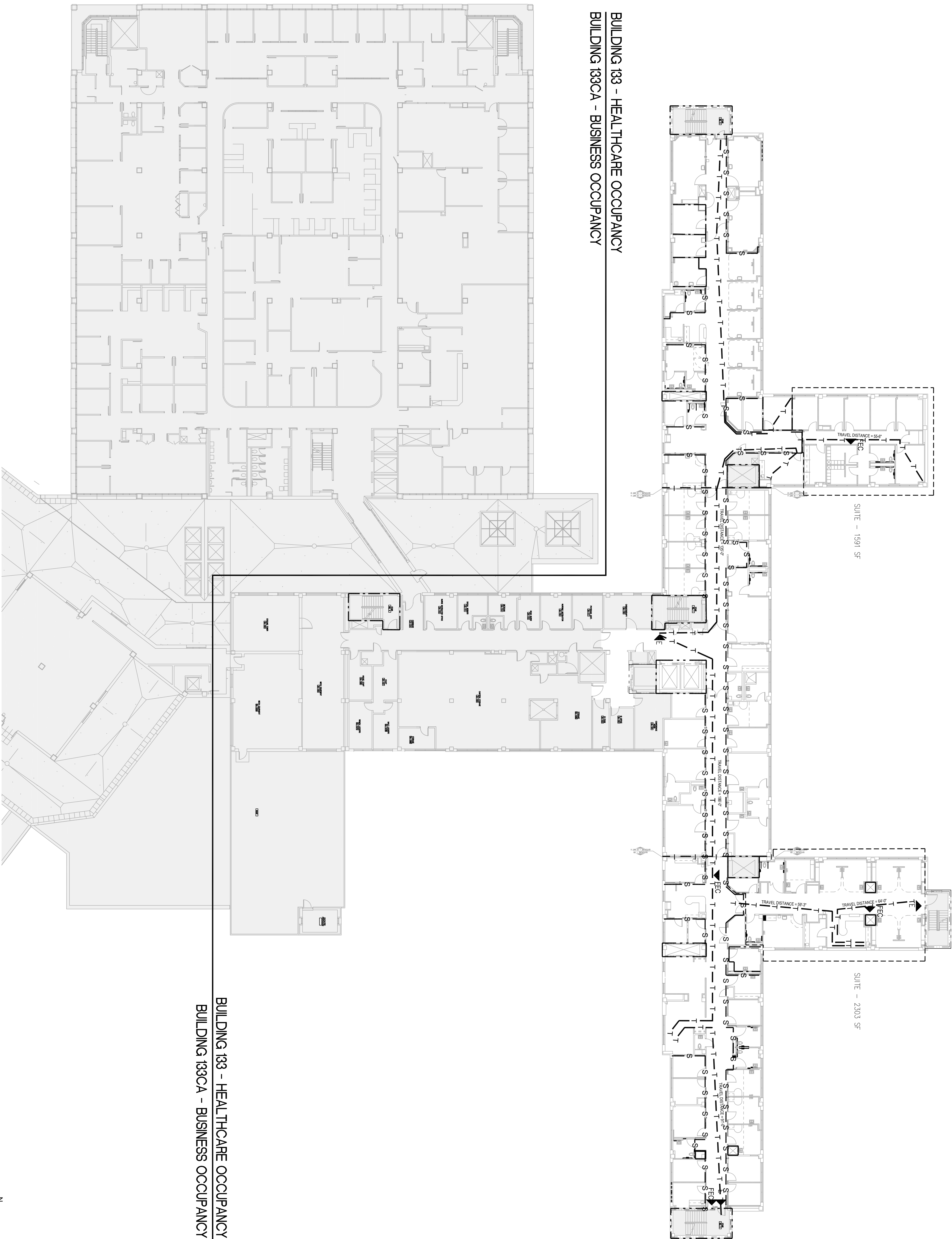
**Office of
Construction
and Facilities
Management**

[illegible]



K:\CCG_PROJECTS\2012\12-119 - VA Lovell FHCC - OR-GI-ON Renovation\400 - Drawings\CD-PHASE\12-119-LS.dwg 4-09-13 02:05:08 PM SDierix

BUILDING 133 - HEALTHCARE OCCUPANCY
BUILDING 133CA - BUSINESS OCCUPANCY



LEGEND	
— S — S —	SMOKE TIGHT - 0 HOUR FIRE RATING
— — — — —	1 HOUR FIRE
— — —	1 HOUR FIRE/SMOKE BARRIER
— — — — —	2 HOUR FIRE
— — — — —	2 HOUR FIRE/SMOKE BARRIER
— T — T —	GREATEST TRAVEL DISTANCE TO EXIT WITHIN AREA OF WORK
➡ E ➡	HORIZONTAL EXIT, EXTERIOR EXIT, OR EXIT STAIR
➡ FEC ➡	FIRE EXTINGUISHER CABINET

FIRE RESISTIVE RATINGS

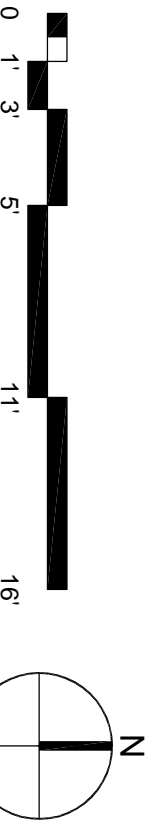
SHAFT ENCLOSURES:	2 HOUR
STAIR ENCLOSURES:	2 HOUR
SMOKE BARRIERS:	1 HOUR

BUILDING CODE INFORMATION

IBC OCCUPANCY :	I-2
NFPA OCCUPANCY :	NEW HEALTHCARE

CODE COMPLIANCE: THESE DRAWINGS ASSUME CONFORMANCE OF EXISTING CONSTRUCTION TO APPLICABLE CODE AND/OR GOVERNING AGENCY REQUIREMENTS. THESE DRAWINGS ARE PROVIDED TO INDICATE THE INTEGRATION OF THE NEW REMODELING WORK WITH EXISTING CONSTRUCTION AS PART OF A COMPREHENSIBLE PROJECT. THESE DRAWINGS SHOULD NOT BE CONSTRUED TO IMPLY THE VERIFICATION OF THE CONFORMANCE OF EXISTING CONSTRUCTION TO SAID REQUIREMENTS. BASED ON THESE DRAWINGS, APPLICABLE CODE REQUIREMENTS FOR NEW CONSTRUCTION ARE INTENDED TO BE MET.

1 THIRD FLOOR LIFE SAFETY PLAN



100% ISSUE FOR BID	04-12-2013
90% CD Review	03-28-2013
90% CD Internal QA/QC	03-20-2013
90% CD Submission	02-08-2013
QA/QC Review	01-29-2013
50% Life Safety Review Package	01-07-2013
50% Fire Review Package	01-07-2013
50% CD Submission	12-28-2012
Design Development	11-06-2012
Revised	Date

ARCHITECT + ENGINEERS:

Bancroft Architects + Engineers

700 Nicholas Blvd Suite 403
Bk Grove Village IL 60007
T: 847.592.7342 F: 847.752.7403

CONSULTANT:

LEGATARCHITECTS

24 NORTH CHAPEL STREET
OK BROOK OK 73160
T: 847.662.3535 F: 847.249.0398 WWW.LEGAT.COM

Drawing Title
THIRD FLOOR
LIFE SAFETY PLAN

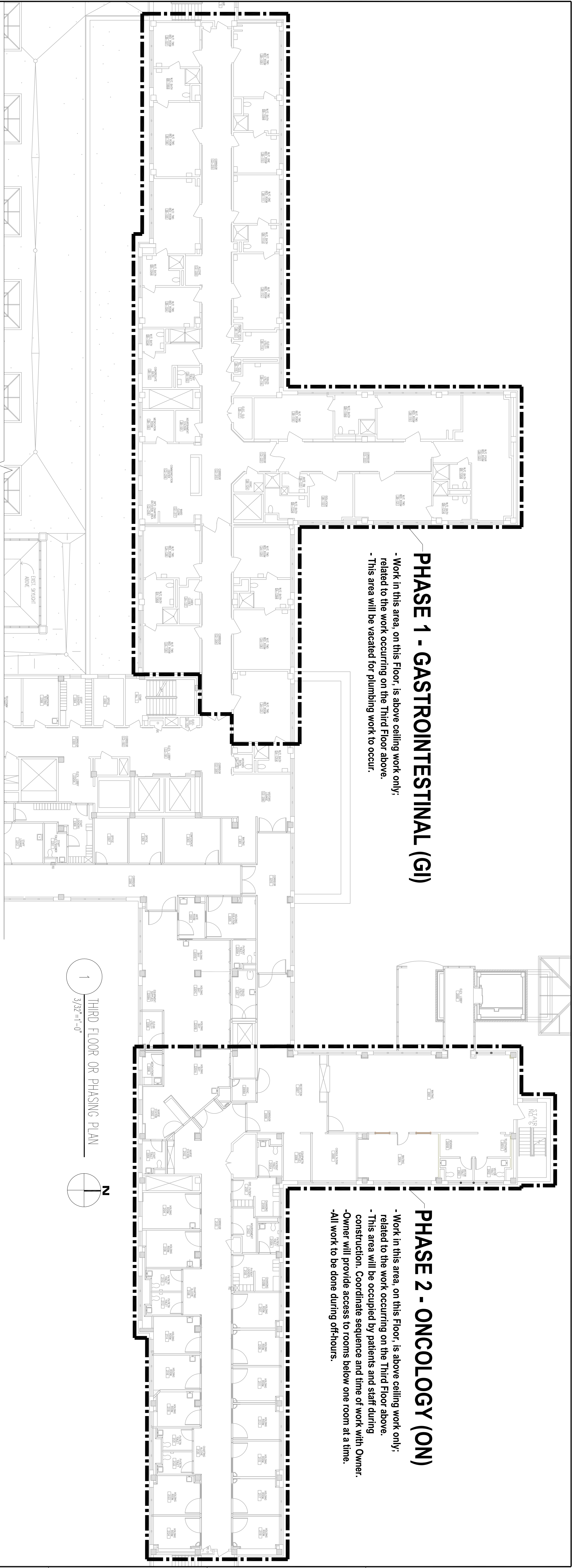
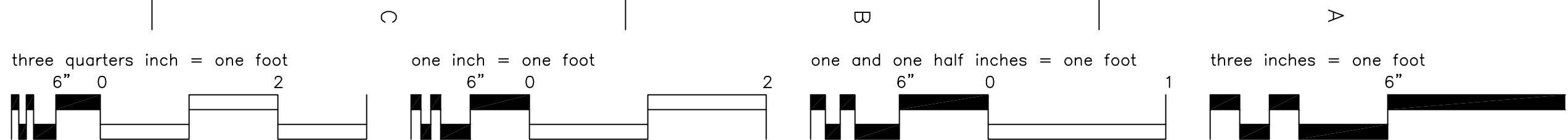
Approved Project Director
VAPACHS PLANNING AND ENGINEERING

Project Title	LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS
Location	NORTH CHICAGO, IL
Date	04-12-2013
Checked	
Drawn	

Project Number	K506-12-127
Building Number	133
Drawing Number	G-003

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs



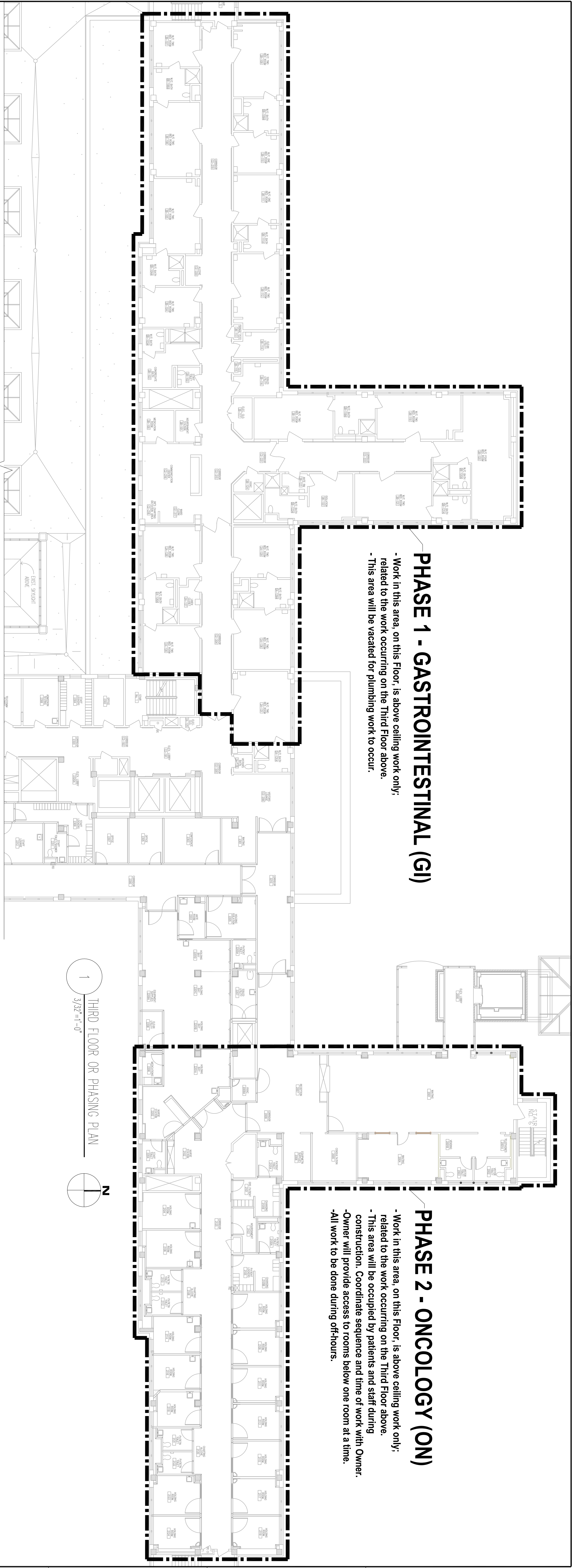
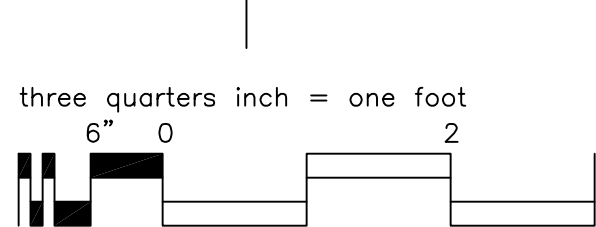
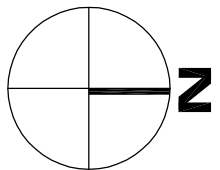
PHASE 1 - GASTROINTESTINAL (GI)

- Work in this area, on this Floor, is above ceiling work only; related to the work occurring on the Third Floor above.
- This area will be vacated for plumbing work to occur.

PHASE 2 - ONCOLOGY (ON)

- Work in this area, on this Floor, is above ceiling work only; related to the work occurring on the Third Floor above.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Owner will provide access to rooms below one room at a time.
- All work to be done during off-hours.

1 THIRD FLOOR OR PHASING PLAN
3/32" = 1'-0"



PHASE 2 - SURGERY (OR)

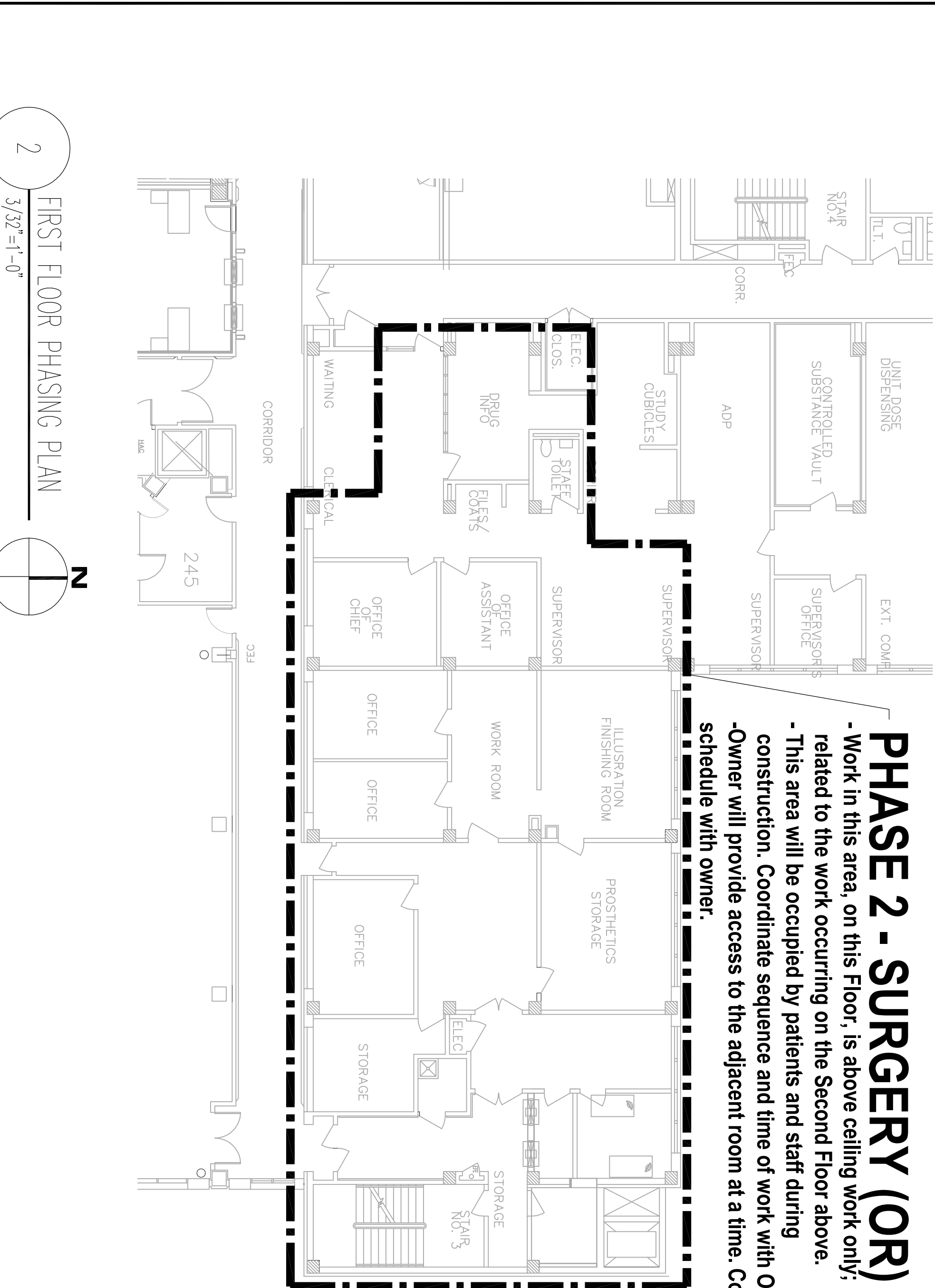
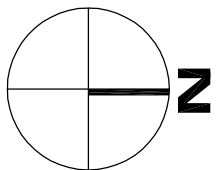
- Work in this area, on this Floor, is above ceiling work only; related to the work occurring on the Second Floor above.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Owner will provide access to the adjacent room at a time. Coordinate schedule with owner.

PHASE 2 - SURGERY (OR)

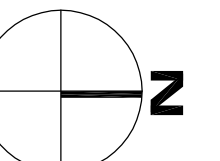
PHASING NOTES:


- TEMPORARY CONSTRUCTION BARRIER (1 HR RATED)
- PARTITION TO BE CONSTRUCTED PER UL DESIGN# U419
- MINIMUM 3 1/2" METAL STUD WITH 1 LAYER OF 5/8" THICK GYPSUM WALL BOARD EACH SIDE
- REMOVE PORTION OF CEILING AND CONSTRUCT BARRIER AS HIGH AS POSSIBLE TO THE POINT WHERE EXISTING ABOVE CEILING OBSTRUCTIONS PREVENT IT FROM CONTINUING. CONTINUE TO DECK IF POSSIBLE
- SEQUENCE WORK TOUCHING ON CORRIDOR C2218, INCLUDING MECHANICAL, TO ALLOW CORRIDOR C2218 TO OPEN PRIOR TO COMPLETION OF PROJECT.
- TEMPORARY OPENING FOR CONSTRUCTION AND DEMOLITION PURPOSES. REFER TO FLOOR PLAN
- CONTRACTOR ACCESS

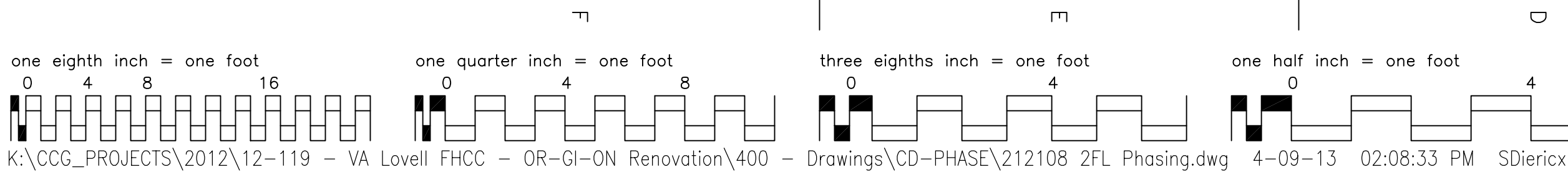
1 SECOND FLOOR OR PHASING PLAN
3/32" = 1'-0"

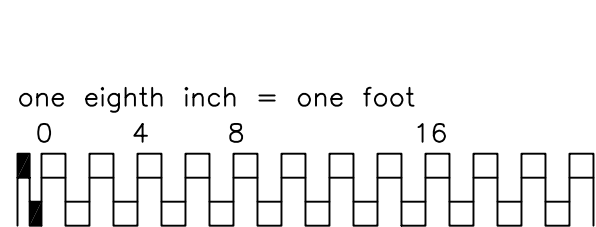
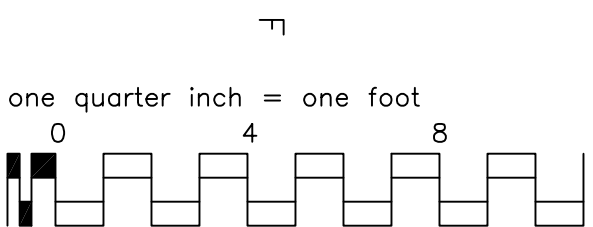
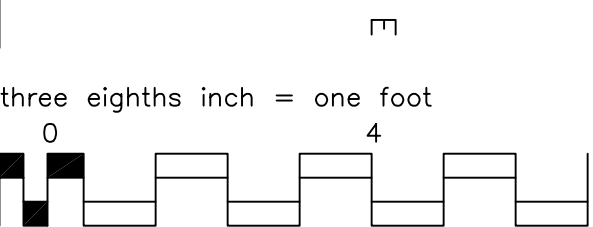
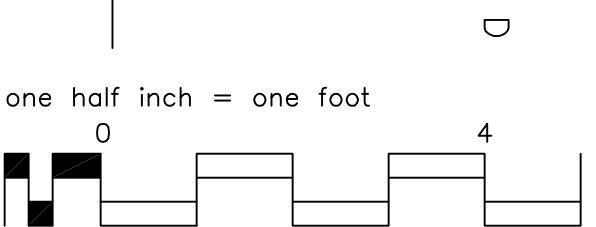
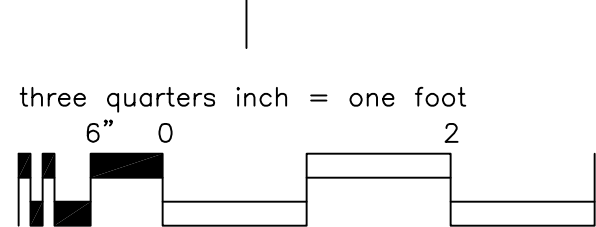
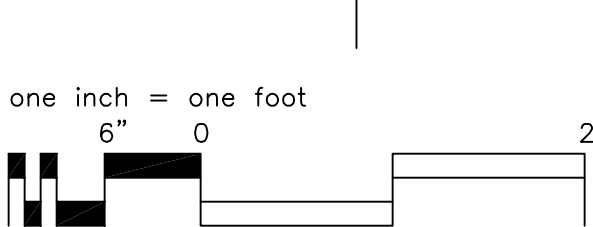
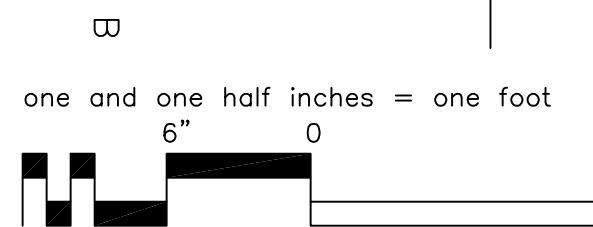
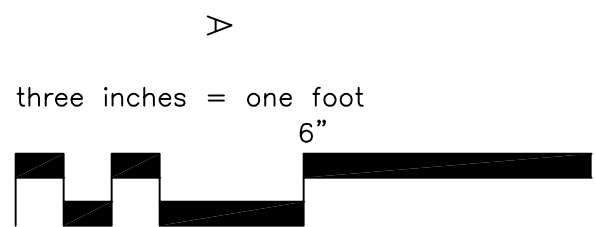


2 FIRST FLOOR PHASING PLAN
3/32" = 1'-0"



100% ISSUE FOR BID		04-12-2013
90% CD Review		03-28-2013
90% CD Internal QA/QC		03-20-2013
90% CD Submission		02-08-2013
QA/QC Review		01-29-2013
50% Life Safety Review Package		01-07-2013
50% Finish Review Package		01-07-2013
50% CD Submission		12-28-2012
Design Development		11-06-2012
Release		Date
ARCHITECT + ENGINEERS:		
		
700 Nicholas Blvd Suite 403 Bk Grove Village IL 60007 T:847.792.7942 F:847.752.7462		
BANCROFT ARCHITECTS + ENGINEERS		
CONSULTANT:		
LEGATARCHITECTS		
24 NORTH CHAPEL STREET MILWAUKEE, WI 53233 PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM		
Drawing Title: SECOND FLOOR OR PHASING PLAN		
Approved Project Director: VARACHA PLANNING AND ENGINEERING		
Project Title: LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS		
Location: NORTH CHICAGO, IL		
Date: 04-12-2013		
Checked: Drawn:		
Drawing Number: G-004		
Office of Construction and Facilities Management Department of Veterans Affairs		





100% ISSUE FOR BID		04-12-2013
90% CD Review		03-28-2013
90% CD Internal QA/QC		03-20-2013
90% CD Submission		02-08-2013
QA/QC Review		01-29-2013
50% Life Safety Review Package		01-07-2013
50% Finish Review Package		01-07-2013
50% CD Submission		12-28-2012
Design Development		11-06-2012
Release		Date
ARCHITECT + ENGINEERS:		
Bancroft Architects + Engineers		
700 Nicholas Blvd Suite 403 Bk Grove Village IL 60007 T:847.797.7942 F:847.752.7462		
CONSULTANT:		
LEGATARCHITECTS		
24 NORTH CHAPEL STREET MILWAUKEE WISCONSIN 53233 PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM		
Drawing Title	Project Title	Project Number
THIRD + FOURTH FLOOR PHASING PLANS	LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	4556-12-127
Approved Project Director	Location	Building Number
-	NORTH CHICAGO, IL	183
VARACHS PLANNING AND ENGINEERING	Date	Drawing Number
-	04-12-2013	G-005
Office of Construction and Facilities Management Department of Veterans Affairs		

PHASE 1 - GASTROINTESTINAL (GI)

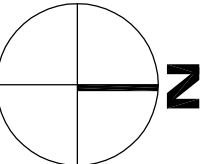
- Work in this area on this Floor occurs in limited areas. Refer to the following sheets for locations of work.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Existing toilet will be out of service due to 3rd floor plumbing work

- ### PHASING NOTES:
1. TEMPORARY CONSTRUCTION BARRIER (1 HR RATED)
PARTITIONS TO BE CONSTRUCTED PER UL DESIGN# 1419
- MINIMUM 3 1/2" METAL STUDS WITH 1 LAYER OF 5/8" THICK GYPSUM WALL BOARD EACH SIDE
 2. REMOVE PORTION OF CEILING AND CONSTRUCT BARRIER TO DECK ABOVE
- EXISTING DOOR TO BE USED AS CONSTRUCTION BARRIER TO DECK ABOVE
- NECESSARY, BUT EXISTING DOOR TO BE REMAIN WHEN ALL WORK IS COMPLETE
 3. FREIGHT ELEVATOR TO BE USED BY CONTRACTOR DURING LIMITED TIMES.
COORDINATE WITH V/A
 4. TEMPORARY OPENING FOR CONSTRUCTION AND DEMOLITION PURPOSE OPENING
 5. PASSENGER ELEVATOR NOT USED DURING CONSTRUCTION
 6. PUBLIC AREA MUST REMAIN OPEN DURING CONSTRUCTION. COORDINATE SCHEDULING WORK WITH OWNER.

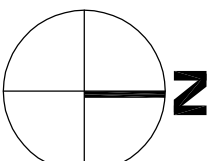
PHASE 2 - ONCOLOGY (ON)

- Work in this area on this Floor occurs in limited areas. Refer to the following sheets for locations of work.
- This area will be occupied by patients and staff during construction. Coordinate sequence and time of work with Owner.
- Existing toilet will be out of service due to 3rd floor plumbing work.

1 FOURTH FLOOR PHASING PLAN
3/32"=1'-0"

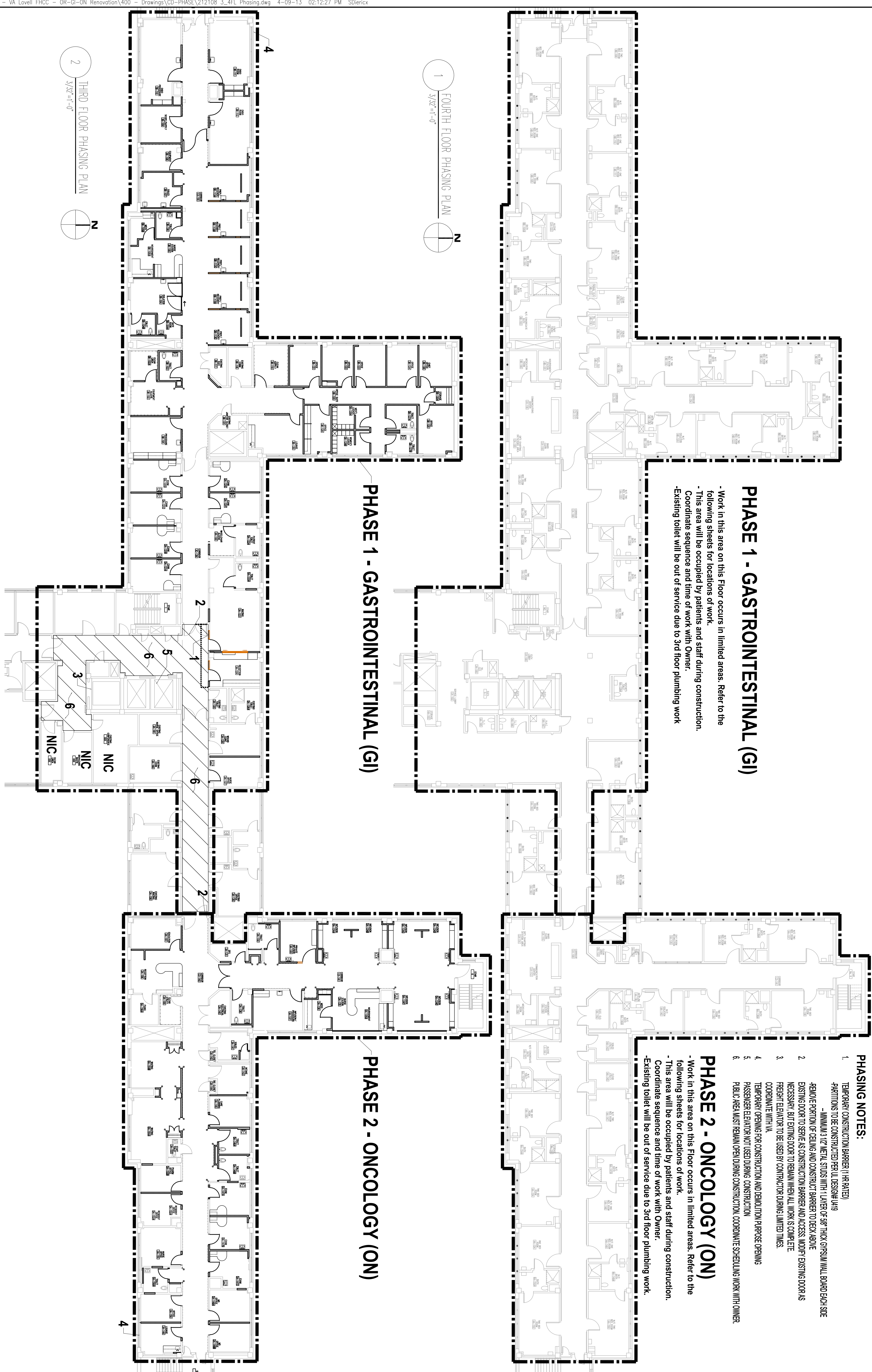


2 THIRD FLOOR PHASING PLAN
3/32"=1'-0"

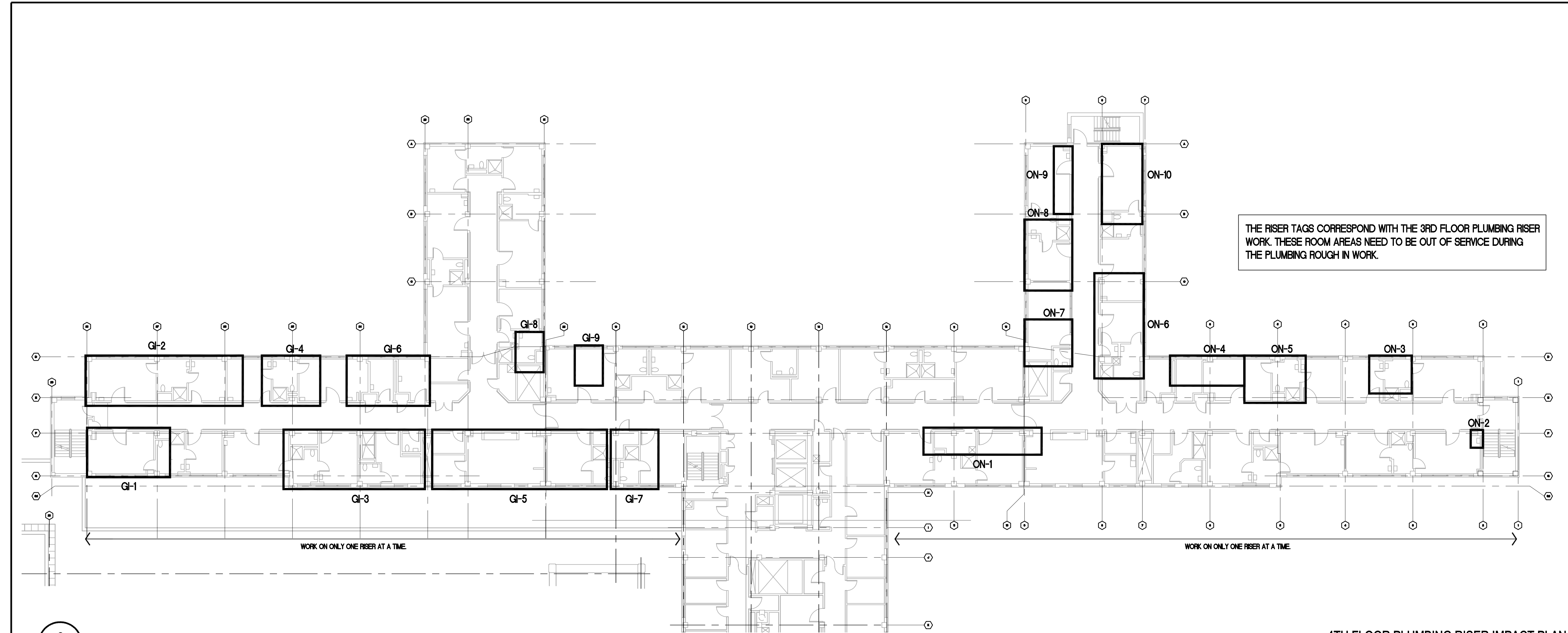


PHASE 1 - GASTROINTESTINAL (GI)

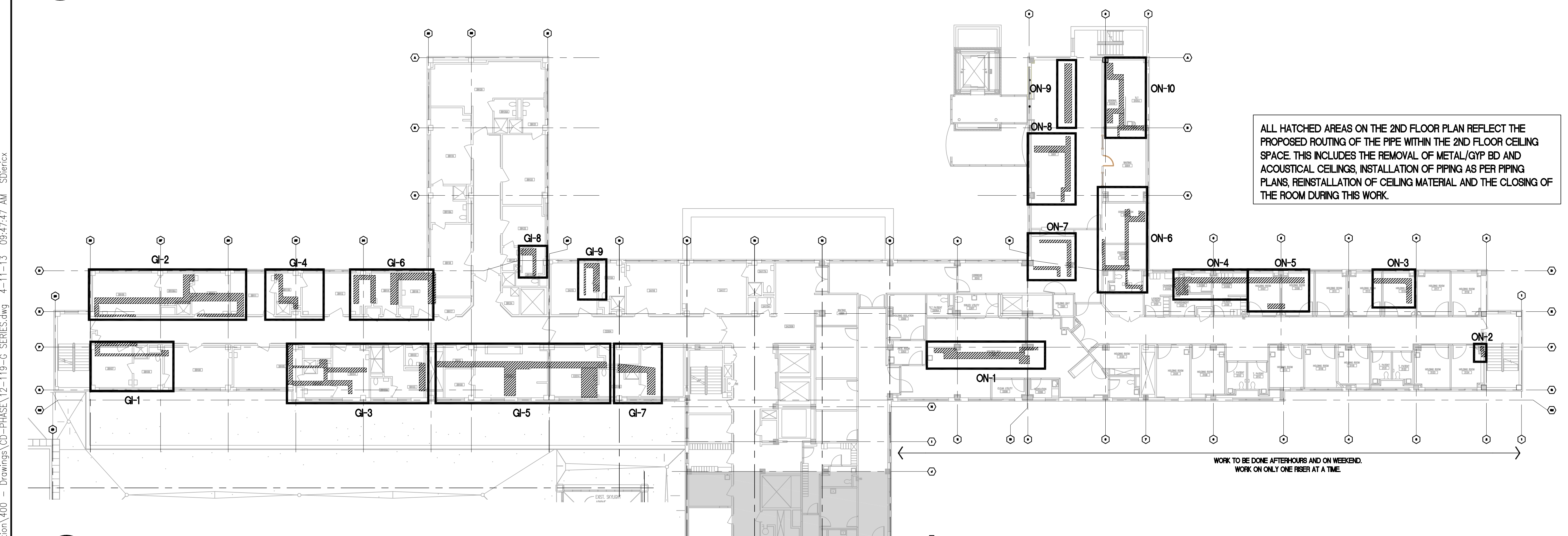
PHASE 2 - ONCOLOGY (ON)



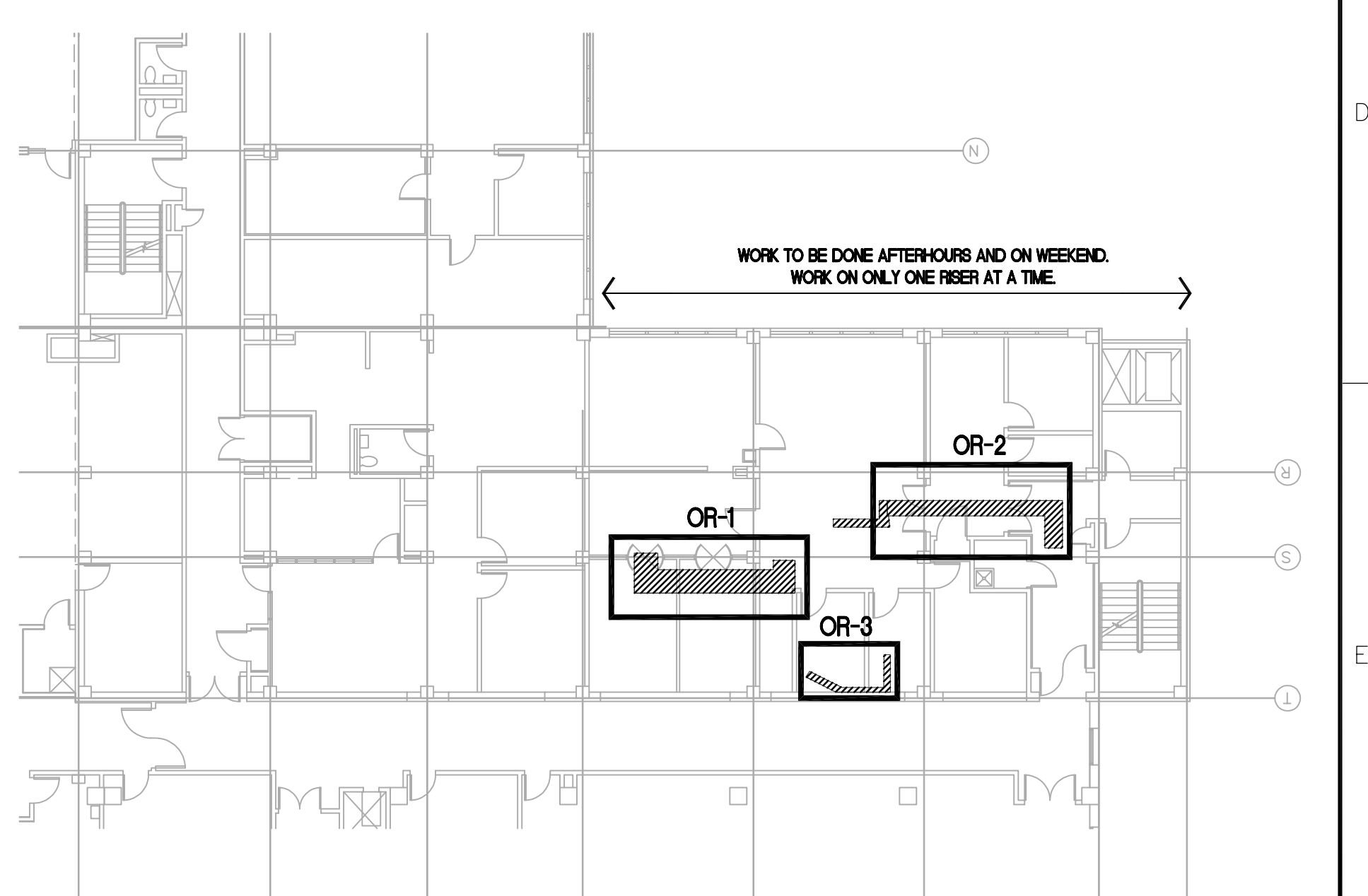
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



4TH FLOOR PLUMBING RISER IMPACT PLAN
1/16"=1'-0"



2ND FLOOR PLUMBING RISER IMPACT PLAN
1/16"=1'-0"

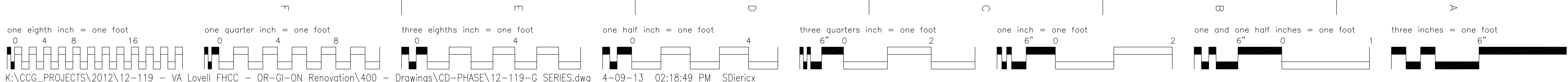


1ST FLOOR PLUMBING RISER IMPACT PLAN
1/16"=1'-0"

- ### PIPING INSTALLATION SEQUENCE NOTES
- STEP 1 - REMOVE A SECTION OF THE 2ND FLOOR CORRIDOR CEILING TILES IN THE WEST WING TO PROVIDE ACCESS TO PIPE INSTALLATION.
- STEP 2 - INSTALL A NEW HOT WATER RETURN PIPING, INCLUDING TEES, VALVES AND CIRCUIT SETTER PER PLAN. REPLACE CEILING TILES AS NEEDED TO MAINTAIN CLEANLINESS.
- STEP 3 - CONTINUE INSTALLATION OF MAIN AND BRANCHES PER PLAN.
- STEP 4 - ONCE THE ENTIRE MAIN AND SECONDARY FEED BRANCHES ARE INSTALLED, WORK CAN BEGIN ON TIEING THEM INTO EXISTING PIPES AND MAKE OPERATIONAL.
- STEP 5 - TIE THE NEW CORRIDOR HOT WATER RETURN MAIN INTO EXISTING RISER TO MAKE OPERATIONAL. ENSURE ALL BRANCH VALVES ARE CLOSED.
- STEP 6 - RETURN TO EACH ROOM AND REMOVE CEILING TILES AS REQUIRED. SPECIAL CARE TO BE TAKEN TO STORE METAL CEILING TILES DURING PIPE WORK. CONNECT NEW HOT WATER RETURN BRANCH (WITH VALVE AND CIRCUIT) TO EXISTING HOT WATER SUPPLY.
- STEP 7 - IN EACH ROOM FREEZE AND CAP THE EXISTING COLD WATER SUPPLY LINE.
- STEP 8 - REPLACE CEILING TILES IN A CAREFUL MANNER, ENSURING ALL SEAMS AND EDGES ARE A TIGHT AND PROPER FIT.

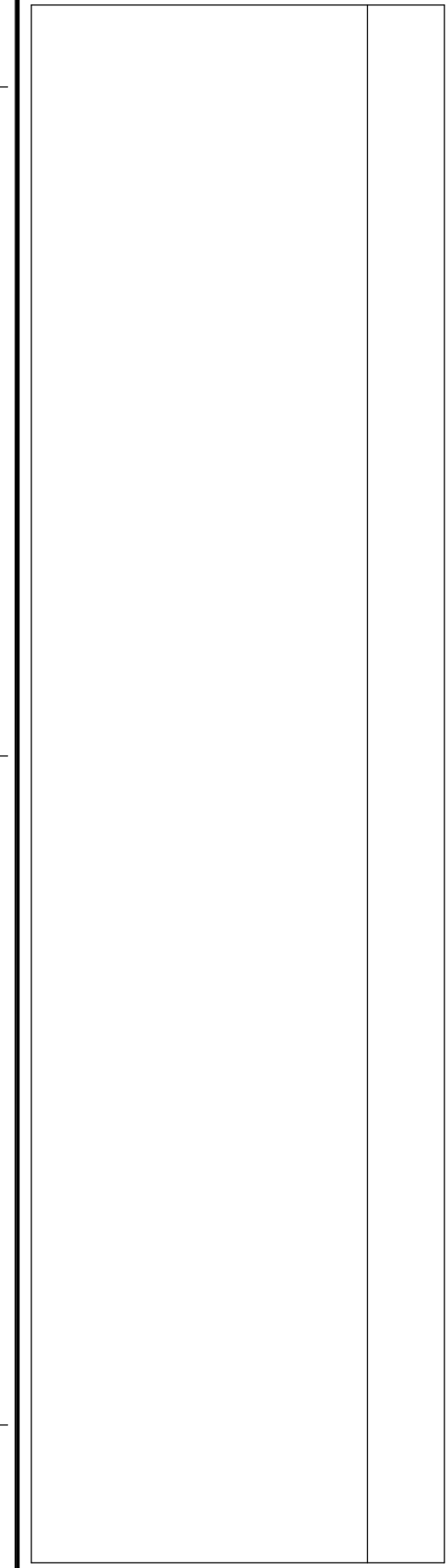
- ### WASTE AND VENT INSTALLATION SEQUENCE NOTES
- STEP 1 - 3RD FLOOR DEMO WORK COMPLETED PER PLAN.
- STEP 2 - LOCATE AND ACCURATELY MARK ALL CORE LOCATIONS ON FLOOR TO ENSURE ALL CONCRETE RISERS ARE NOT AFFECTED. (RISERS ON UNDERSIDE OF 2ND FLOOR) CORE TO BE LOCATED WITHIN NEW WALLS ON 3RD FLOOR.
- STEP 3 - TO ENSURE CORRECT LOCATION OF CORES, DRILL PILOT HOLES AS REQUIRED TO USE A S A REFERENCE POINT. IF A CONFLICT IS FOUND, ALERT THE VA PROJECT MANAGER.
- STEP 4 - CORE THROUGH FLOOR PER PLAN. SPECIAL PRECAUTIONS TO BE TAKEN IN CEILING OF 2ND FLOOR TO CONTAIN WATER AND DEBRIS FROM SPILLING ONTO CEILING.
- STEP 5 - PREPARE AND INSTALL NEW WASTE AND VENT PIPING ON 3RD FLOOR AHEAD OF FINAL TIE IN.
- STEP 6 - REMOVE 2ND FLOOR CEILING AS REQUIRED IN EACH ROOM TO PROVIDE ACCESS AND PREPARE FOR FINAL CONNECTIONS.
- STEP 7 - ON AN AGREED UPON WEEKEND, TIE IN 4TH FLOOR (THROUGH THE 3RD FLOOR) AND 2ND FLOOR WASTE AND VENT PIPING. THIS WILL COMPLETE AN ACTIVE RISER AT EACH LOCATION.
- STEP 8 - REPEAT FOR EACH RISER AS PER PLAN.
- PROJECT #1 - G1:
- PRIOR TO ANY PIPING AND PLUMBING WORK BEGINNING ON THE 3RD FLOOR, THE PIPING WORK ABOVE THE CEILING ON THE 2ND FLOOR MUST BE COMPLETED. IT IS ANTICIPATED THAT THIS WORK WILL REQUIRE OVERTIME AND WEEKENDS. SPREAD OVER A SERIES OF CONSECUTIVE WEEKS IN SMALL INCREMENTS. DEMOLITION WORK ON THE 3RD FLOOR CAN BE COMPLETED IN PARALLEL IF LIMITED TO WALLS, CEILINGS, DUCT WORK ETC. THAT DOES NOT IMPACT PIPING OR PLUMBING.
- ANY DOMESTIC HOT WATER LINE THAT PROTRUDES UP TO AND THROUGH THE 3RD FLOOR WILL BE RE-DIRECTED TO A NEWLY INSTALLED RETURN LINE. THIS NEW RETURN LINE WILL BE LOCATED IN THE CORRIDOR CEILING OF THE 2ND FLOOR. EACH CONNECTION WILL **OFF THE MAIN, INCLUDE AN ISOLATION VALVE AND CIRCUIT SETTER. ALL PIPING TO BE PROGRESS. THIS 2ND FLOOR RETURN WORK MUST BE INSTALLED AND FULLY OPERATIONAL BEFORE ANY WORK CAN BEGIN ON THE 3RD FLOOR.
- DURING THE INSTALLATION OF THE DOMESTIC HOT WATER IN THE CEILING OF THE 2ND FLOOR, THE DOMESTIC COLD WATER LINE FEEDING THE 3RD FLOOR WILL BE CUT AND CAPPED. THIS WILL ASSIST THE DEMO OF THE 3RD FLOOR AND PREVENT ISSUES OF THE STOP VALVES AND ANGLE STOPS NOT HOLDING THE FIXTURES.
- ANY DOMESTIC COLD WATER LINE THE PROTRUDES UP TO THE 3RD FLOOR WILL BE CUT OFF AND CAPPED IN THE CEILING OF THE 2ND FLOOR.
- 3RD FLOOR DOMESTIC HOT, COLD AND HOT WATER RETURN WILL BE SUPPLIED FROM THE RISERS LOCATED NEAR THE ELEVATORS. AT THIS RISER LOCATION IS:
- A 4" COLD WATER STUB WITH A VALVE,
 - A 3" HOT WATER STUB WITH A VALVE AND
 - A 1" HOT WATER RETURN WITH A VALVE.
- ALL DOMESTIC WATER ON THE 3RD FLOOR WILL BE FED FROM THE NEW LINES TO BE INSTALLED IN THE CEILING.
- THE FOLLOWING WORK IS ANTICIPATED TO BE PERFORMED ON AN OVERTIME BASIS:
- ALL 2ND FLOOR EAST SIDE WORK IN THE CORRIDORS TO INSTALL THE MAIN HW RETURN
 - ALL PLUMBING BRANCHES TO THE ROOMS INCLUDING PIPE, VALVES, CIRCUIT SETTER AND CONNECTION TO EXISTING
 - WASTE AND VENT PIPING
 - HVAC DAMPERS

100% ISSUE FOR BID 100% CD Review 99% CD Internal QA/QC 90% CD Submission QA/QC Review 50% Life Safety Review Package 50% Finish Review Package 50% CD Submission Design Development Revisions	04-12-2013 03-28-2013 03-20-2013 02-08-2013 01-29-2013 01-07-2013 12-28-2012 11-08-2012 Date	ARCHITECT + ENGINEERS: Bancroft BANCROFT ARCHITECTS + ENGINEERS 700 Nicholas Blvd, Suite 403 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403	CONSULTANT: LEGATARCHITECTS WILKESHA CRISTAL LAKE OAK BROOK CHICAGO 24 NORTH CHAPEL STREET WILKESHA, IL 60085 PH: 847.662.3535 FX: 847.249.0398 WWW.LEGAT.COM	Drawing Title PLUMBING RISER IMPACT PLAN Approved: Project Director - VAPACHS PLANNING AND ENGINEERING	Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS Location NORTH CHICAGO, IL Date 04-12-2013 Checked MJ Drawn SD	Project Number 1556-12-127 Building Number 133 Drawing Number G-008 ----	Office of Construction and Facilities Management Department of Veterans Affairs
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90% CD Review	03-28-2013
90% CD Internal QA/QC	03-20-2013
90% CD Submission	02-08-2013
QA/QC Review	01-29-2013
50% Life Safety Review Package	01-07-2013
50% Fire Review Package	01-07-2013
50% CD Submission	12-28-2012
Design Development	11-06-2012
Permitting	08-01-2012



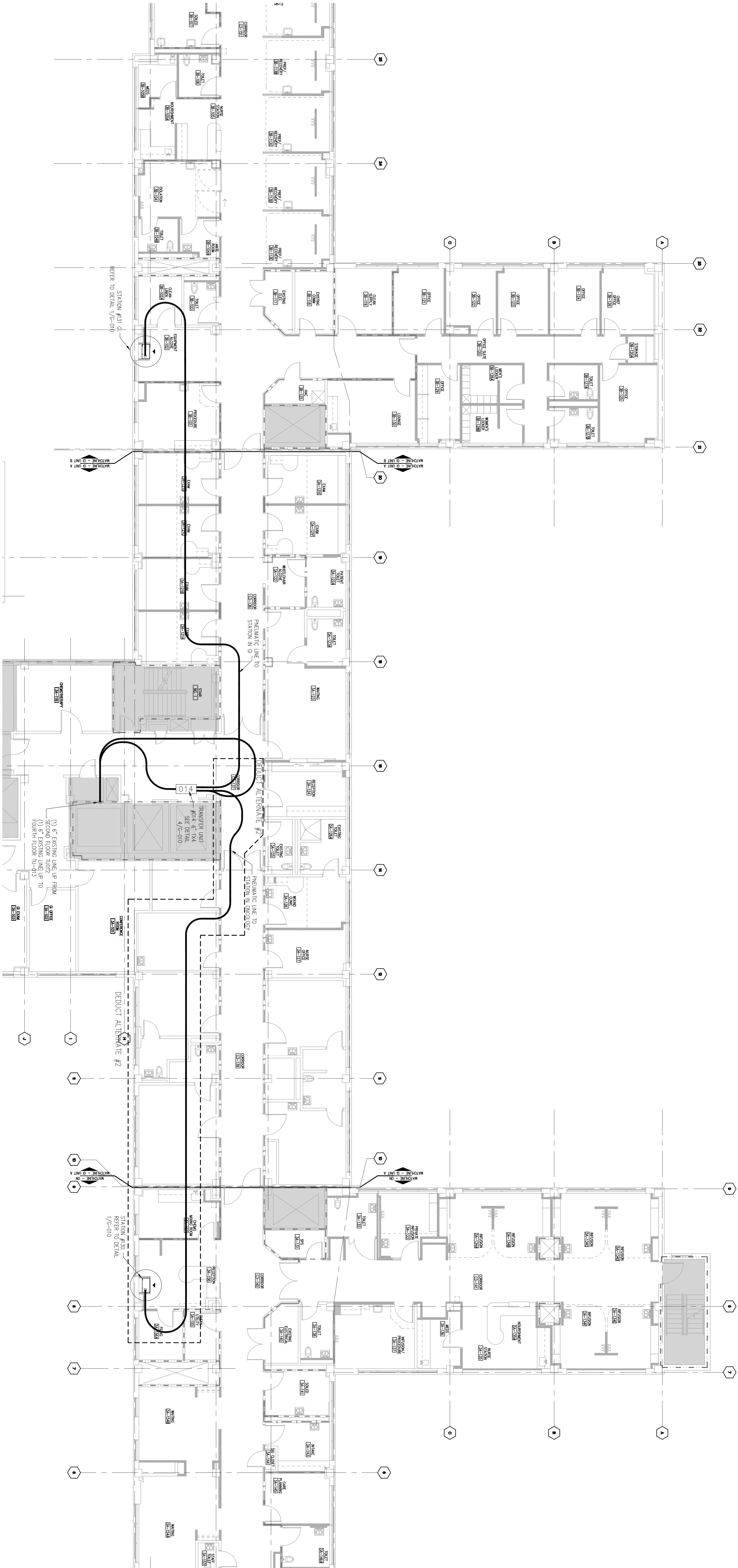
ARCHITECT + ENGINEERS:
Bancroft
700 Nicholas Blvd Suite 403
Bldg 6000
T-847 757 7545 F-847 752 7465
BANCROFT ARCHITECTS + ENGINEERS

CONSULTANT:
LEGATARCHITECTS
MURKIN OPTICAL LLC
24 NORTH CHAPEL STREET
OK 800X OK800
PH: 847 662 3535 FX: 847 249 0398 WWW.LEGAT.COM

Approved Project Director
VAPACHS PLANNING AND ENGINEERING

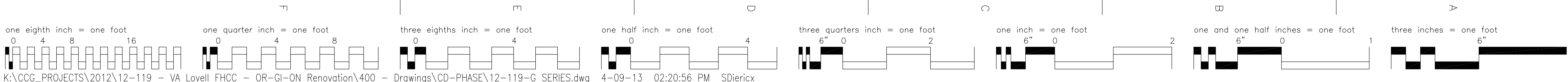
Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	Project Number K506-12-127 Building Number 183
Location NORTH CHICAGO, IL	Drawing Number G-009
Date 04-12-2013	Checked MJ
	Drawn SD

Office of Construction and Facilities Management
Department of Veterans Affairs



PNEUMATIC TUBE SYSTEM, GI AND ONCOLOGY DEPARTMENTS

18-114



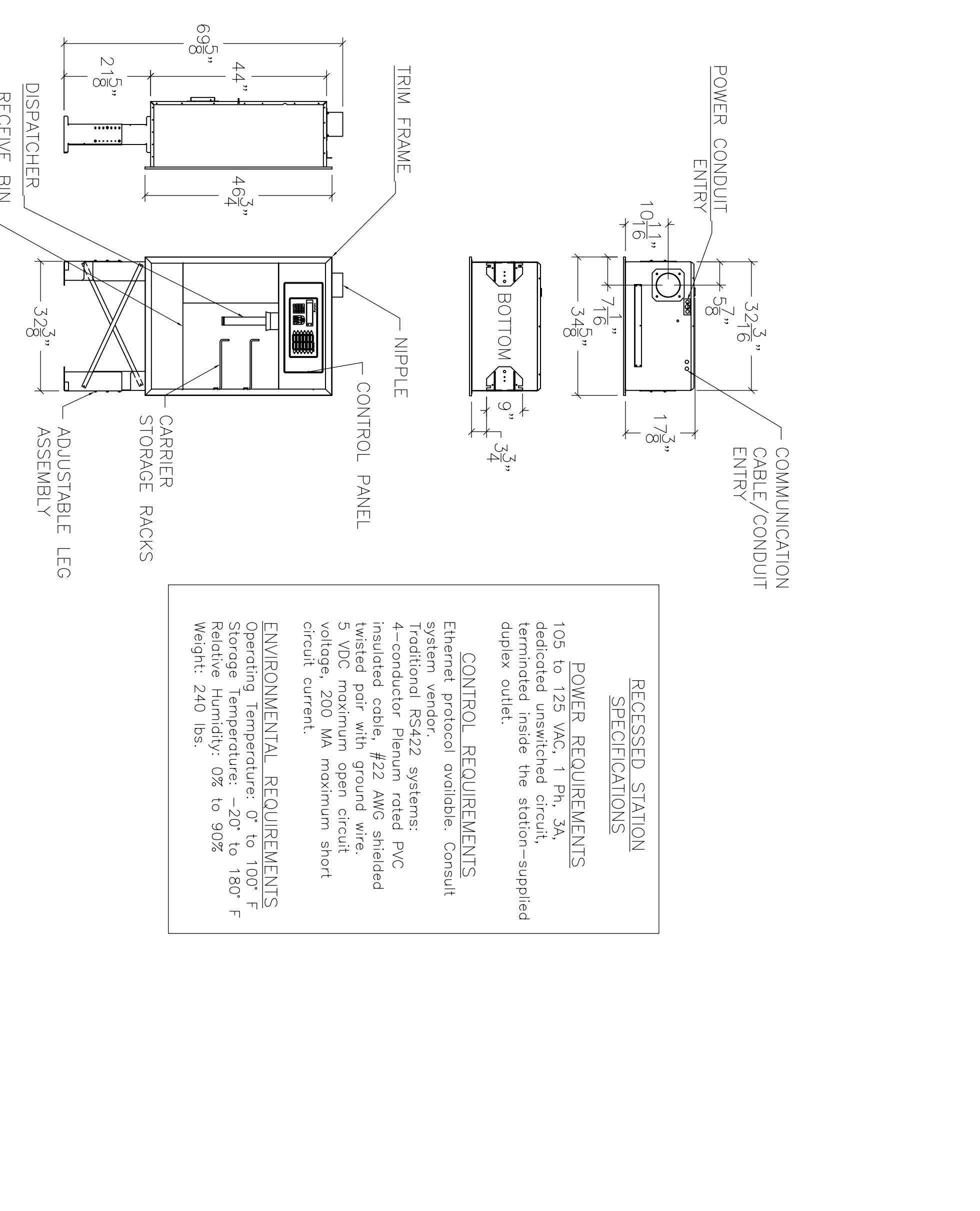
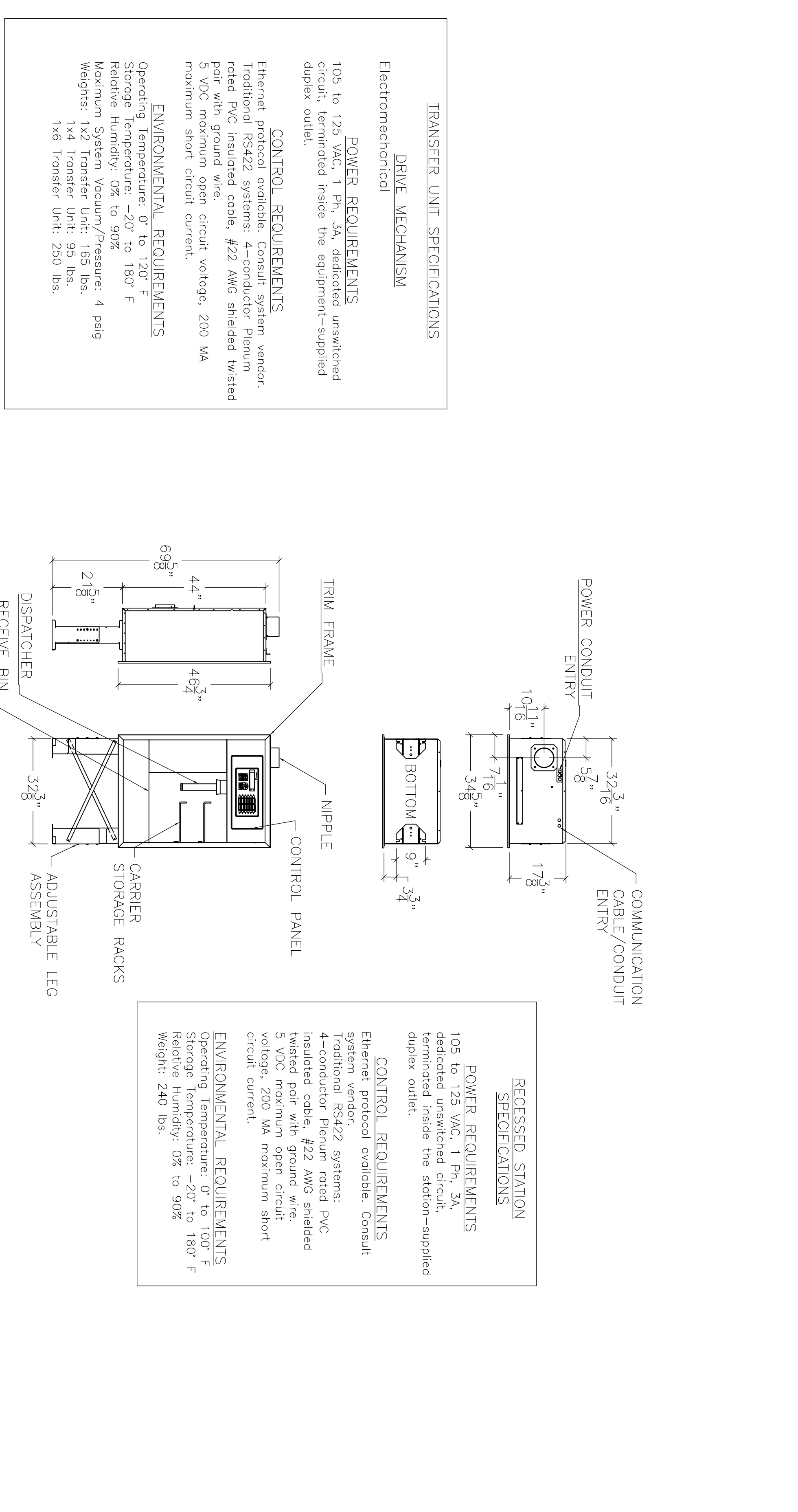
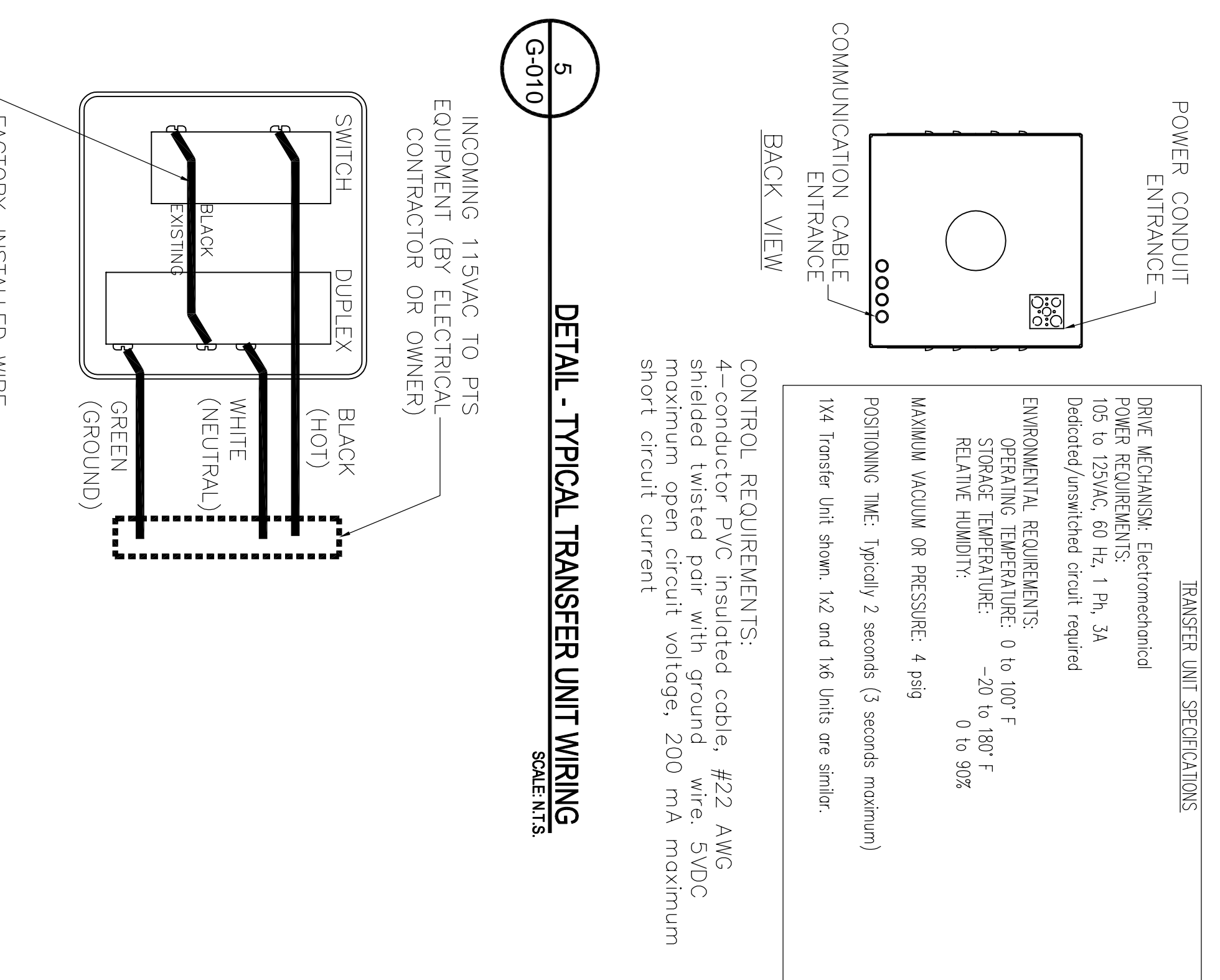
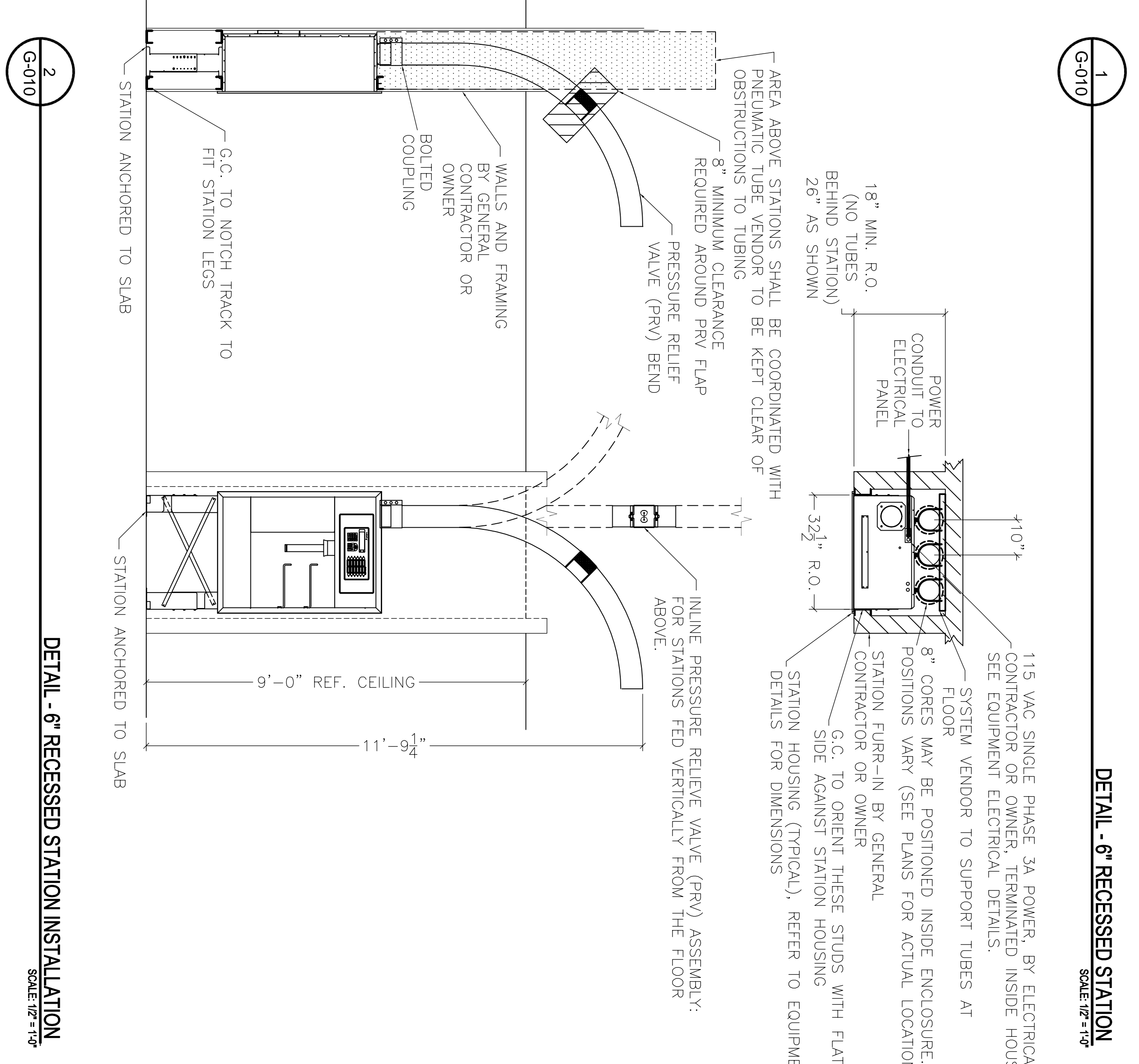
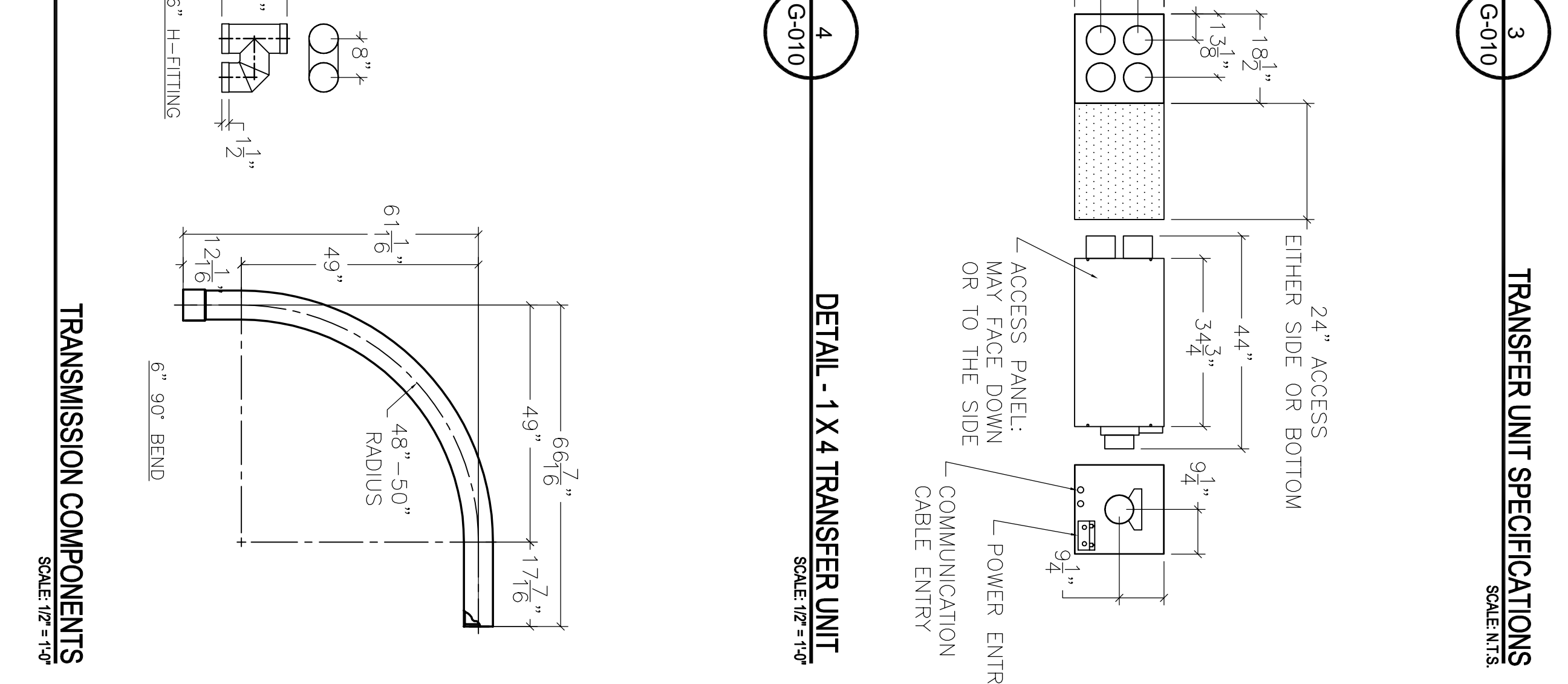
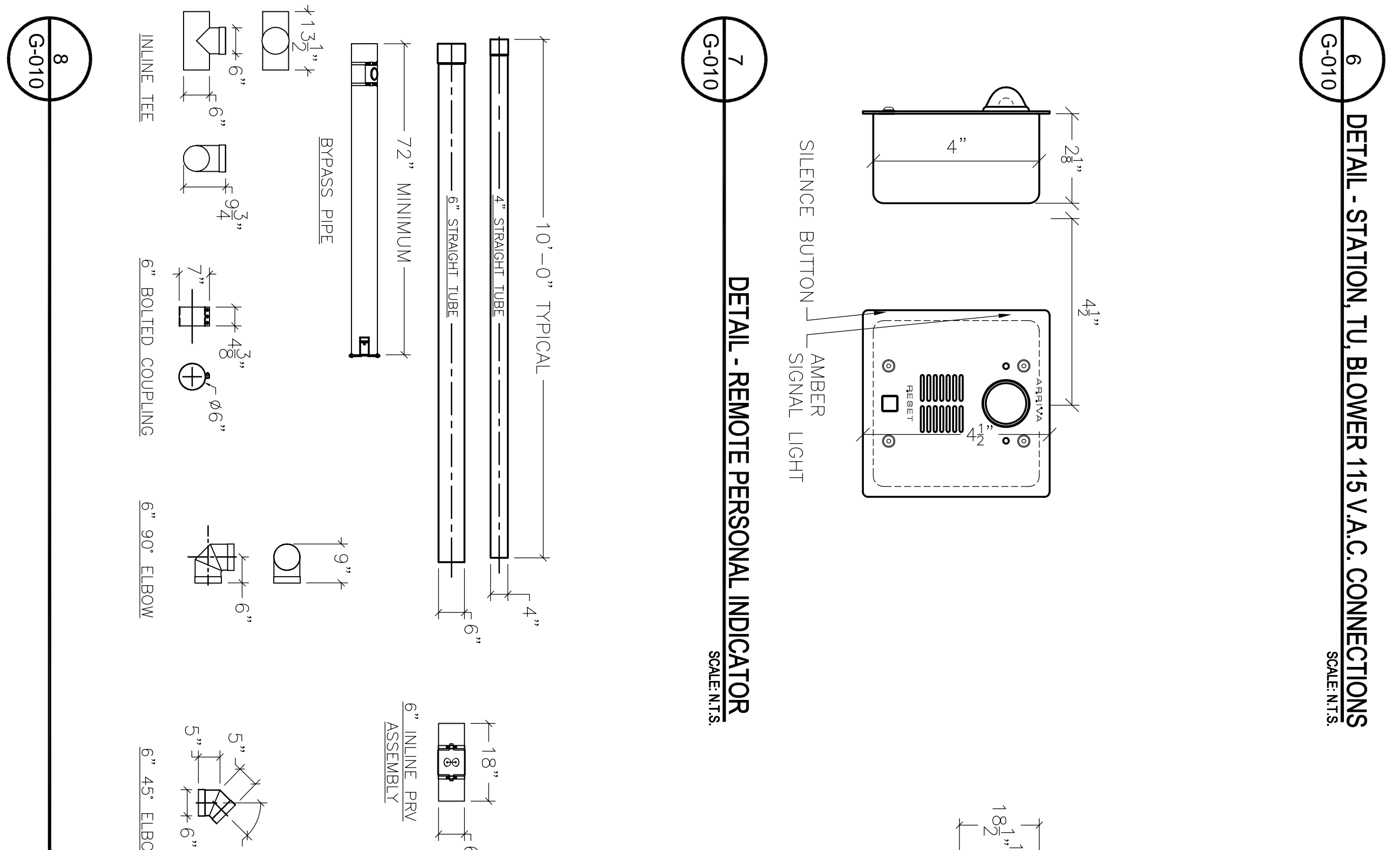
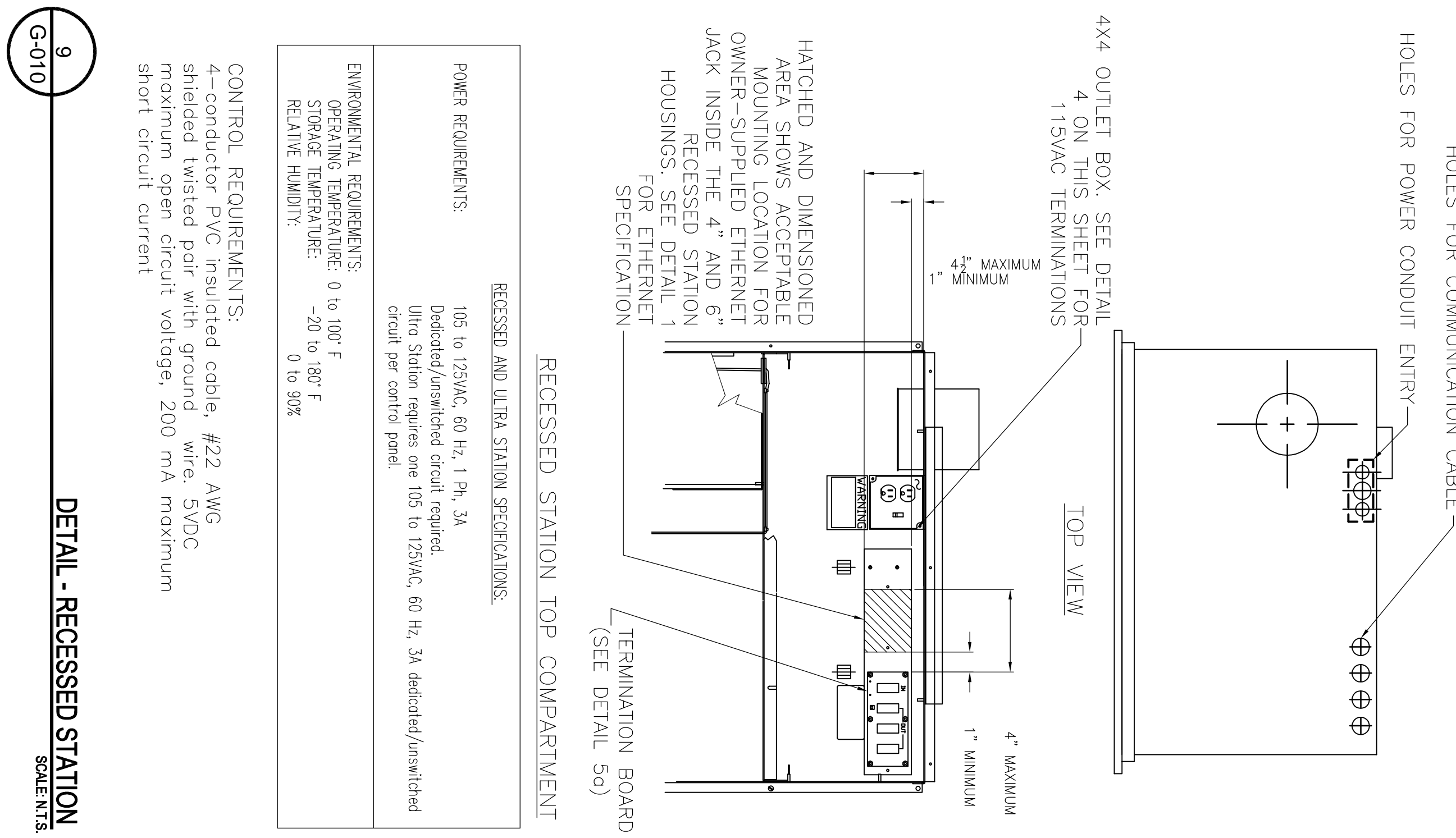
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100% CD Review		03-28-2013
90% CD Internal OAC		03-20-2013
90% CD Submission		02-08-2013
OAC Review		01-29-2013
50% Life Safety Review Package		01-07-2013
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50% CD Submission		11-08-2012
Design Development		08-01-2012
Pre-design		06-01-2012

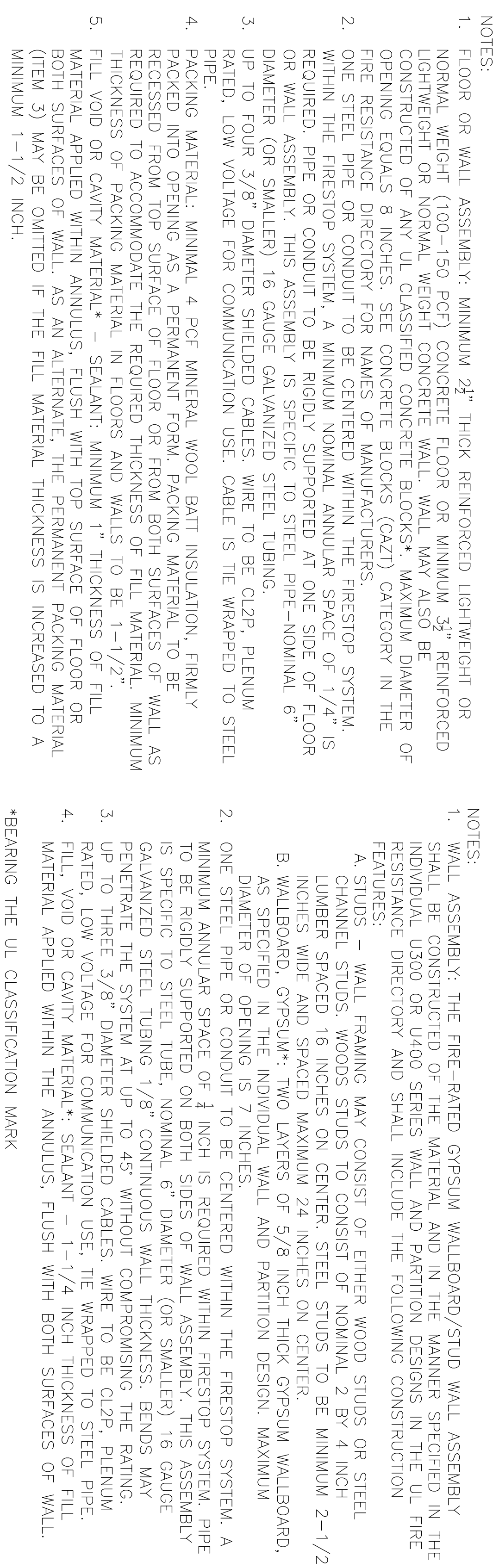
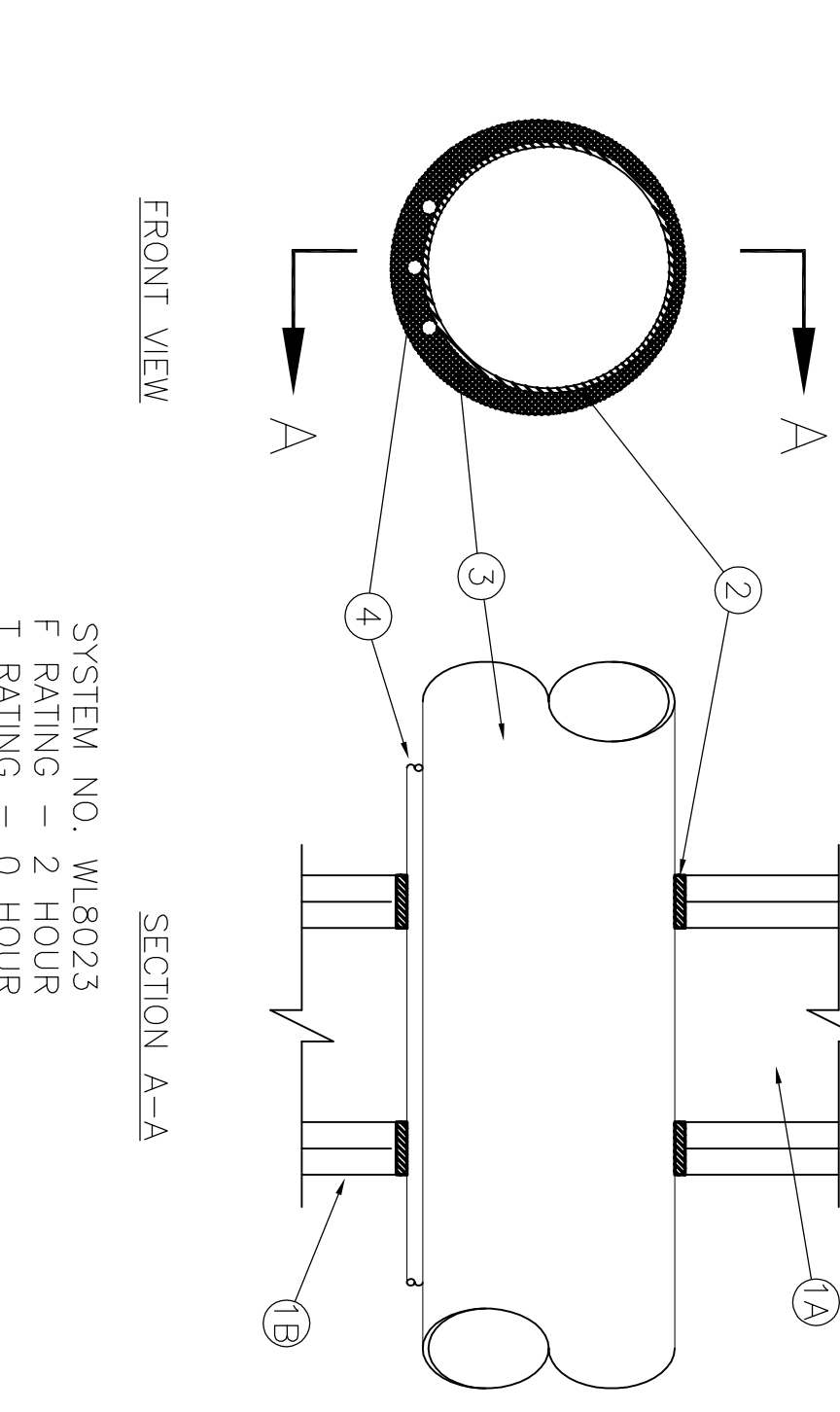
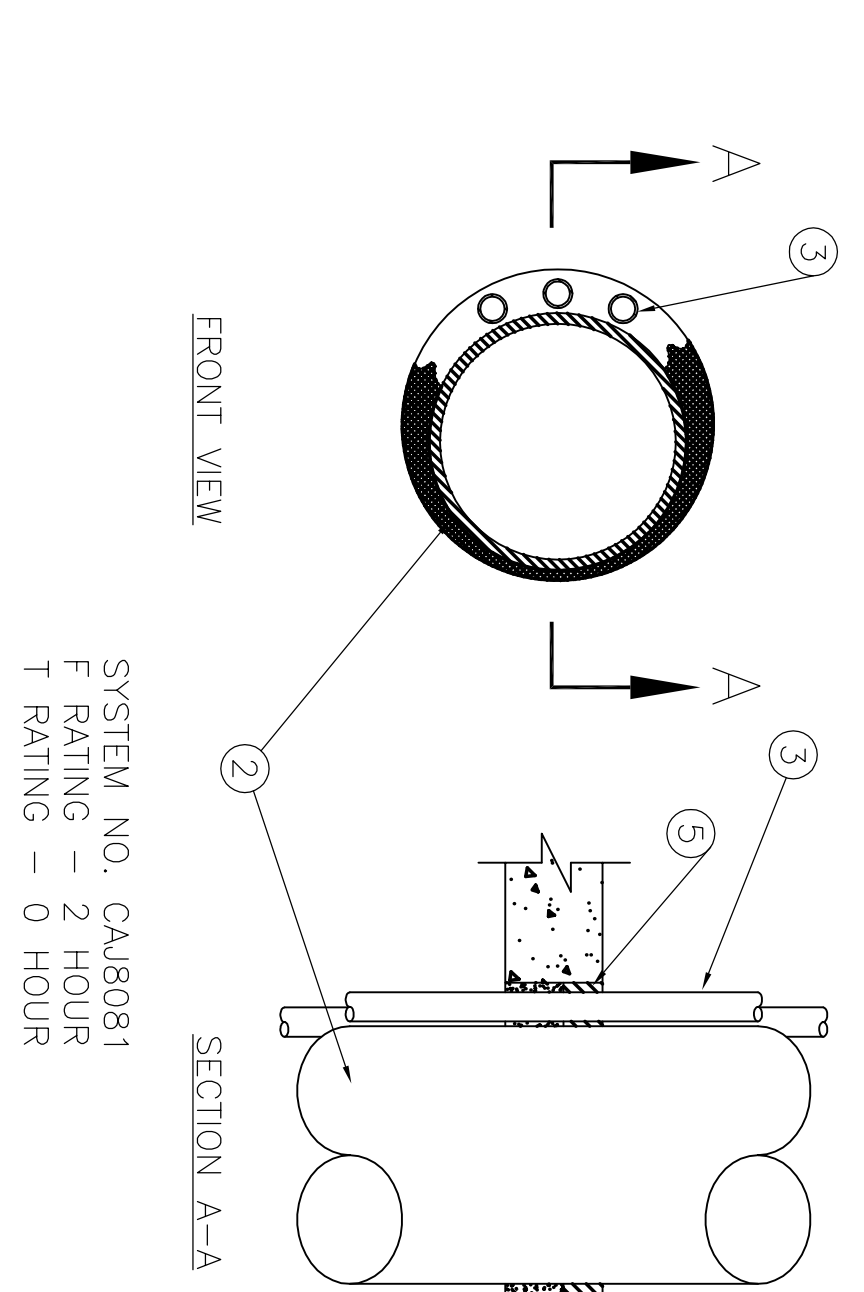
ARCHITECT + ENGINEERS:	
700 Veterans Blvd Suite 403 Bk Grove Village IL 60007 T:847.392.7342 F:847.352.7463	

CONSULTANT:	
LEGATARCHITECTS	
WILSON 24 NORTH CHAPEL STREET CHICAGO, IL 60610 PH:847.662.3535 FX:847.249.0398 WWW.LEGAT.COM	ORISAL UKE ONE 800X 08060

Drawing Title PNEUMATIC TUBE SYSTEM DETAILS		Project Title LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS	Project Number K506-12-127
Approved Project Director		Location NORTH CHICAGO, IL	Building Number 183
VARACHS PLANNING AND ENGINEERING		Date 04-12-2013	Drawing Number G-010
		Checked	Drawn
		Office of Construction and Facilities Management 	



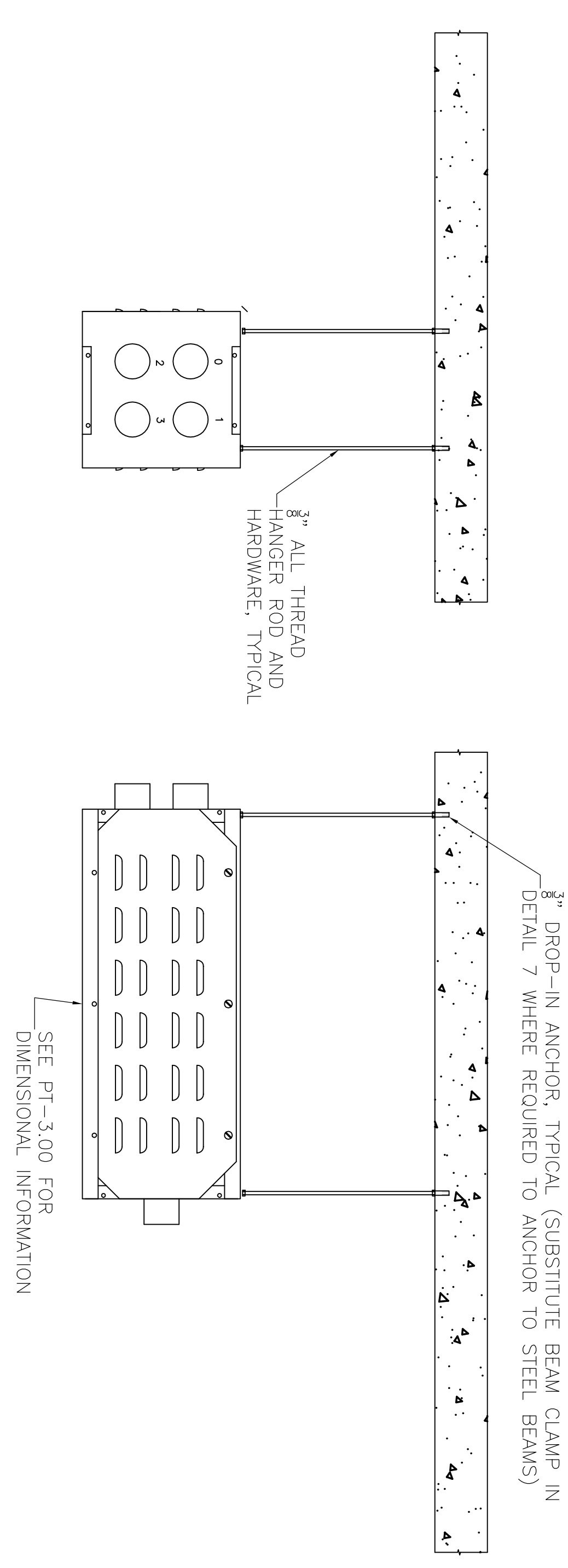
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OACG Review	01-28-2018
50X Life Safety Review Package	01-07-2018
50X Finish Review Package	01-07-2018
50X CD Submission	12-28-2017
Design Development	11-06-2017
Revisions	Date
ARCHITECT + ENGINEERS:	
 BANCA ARCHITECTS + ENGINEERS 700 North Dearborn Blvd., Suite 403 Erie Grove Village, IL 60007 T: 847.952.9262 F: 847.952.9403	
CONSULTANT:	
LEGATARCHITECTS WILKINSON ORTEL LIME OW ROOM CHICAGO 24 NORTH CHAPEL STREET WAUKEGAN, IL 60085 PH: 847.682.3535 FX: 847.249.0398 WWW.LEGAT.COM	
Drawing Title	Project Title
PNEUMATIC TUBE SYSTEM DETAILS	LOVELL FHCC OR-GI-ON RENOVATIONS SECOND AND THIRD FLOORS
Approved Project Director	Bidding Number
-	133
VAPACHOS PLANNING AND ENGINEERING	Drawing Number
G-011	
Location	Date
NORTH CHICAGO, IL	04-12-2018
Checked	Drawn
<div style="text-align: right;"> Office of Construction and Facilities Management  Departmental Veterans Affairs </div>	



*BEARING THE UL CLASSIFICATION MARK

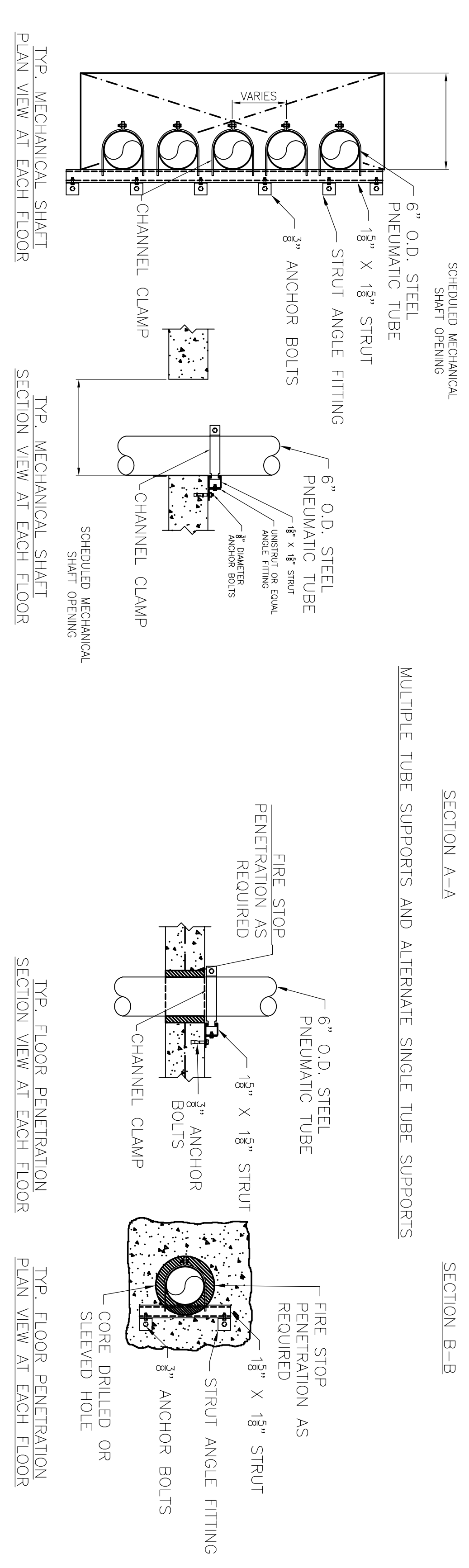
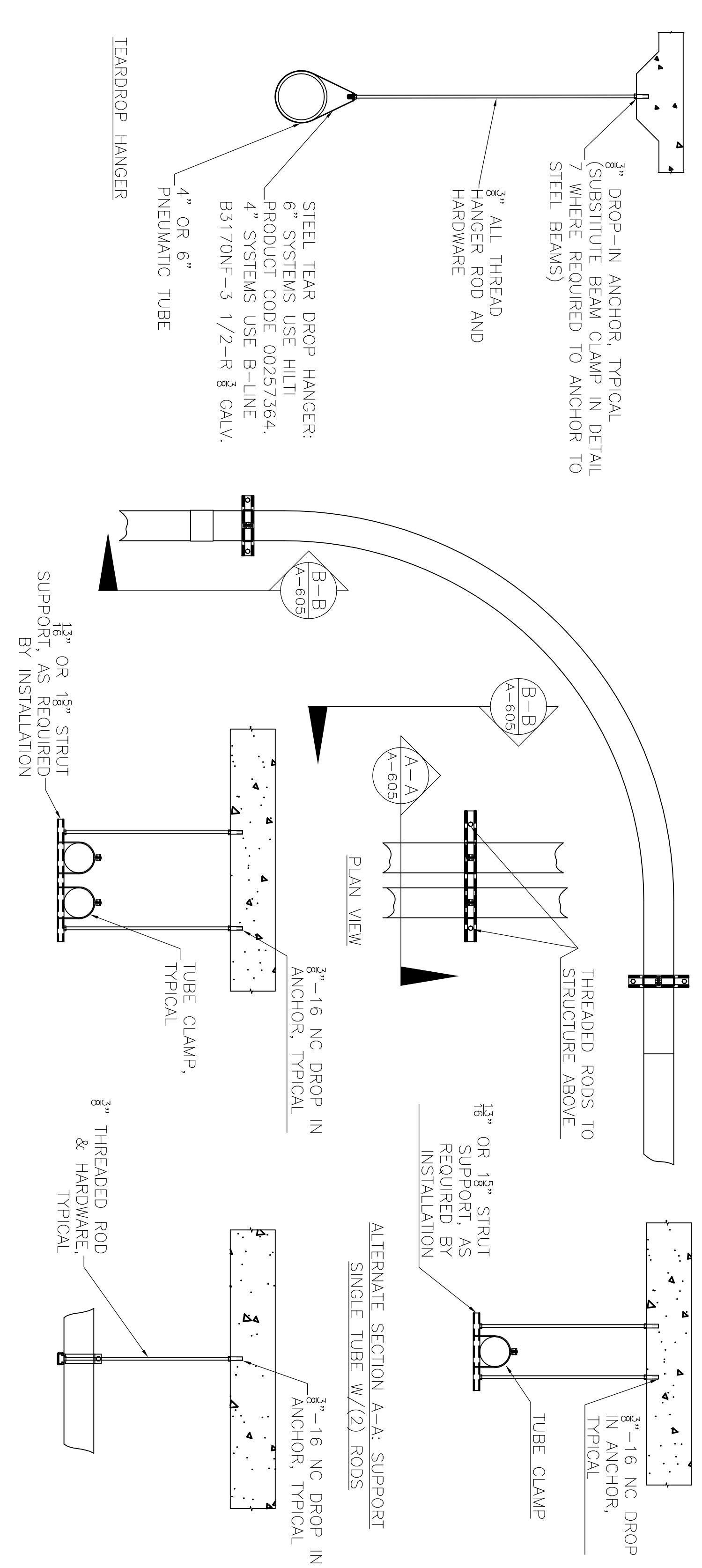
HILTI, INC. - HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT

Note: According to Underwriter's Laboratories, The F and T Ratings of a firestop system are not jeopardized if the metallic pipe penetrant passes through the opening at an angle not to exceed 45 degrees from the perpendicular and the annular spaces are within the requirements that have been established in the individual firestop system, this is applicable to firestop systems incorporating fill materials (such as sealants, putty, or mortar and packing materials).



5
G-011

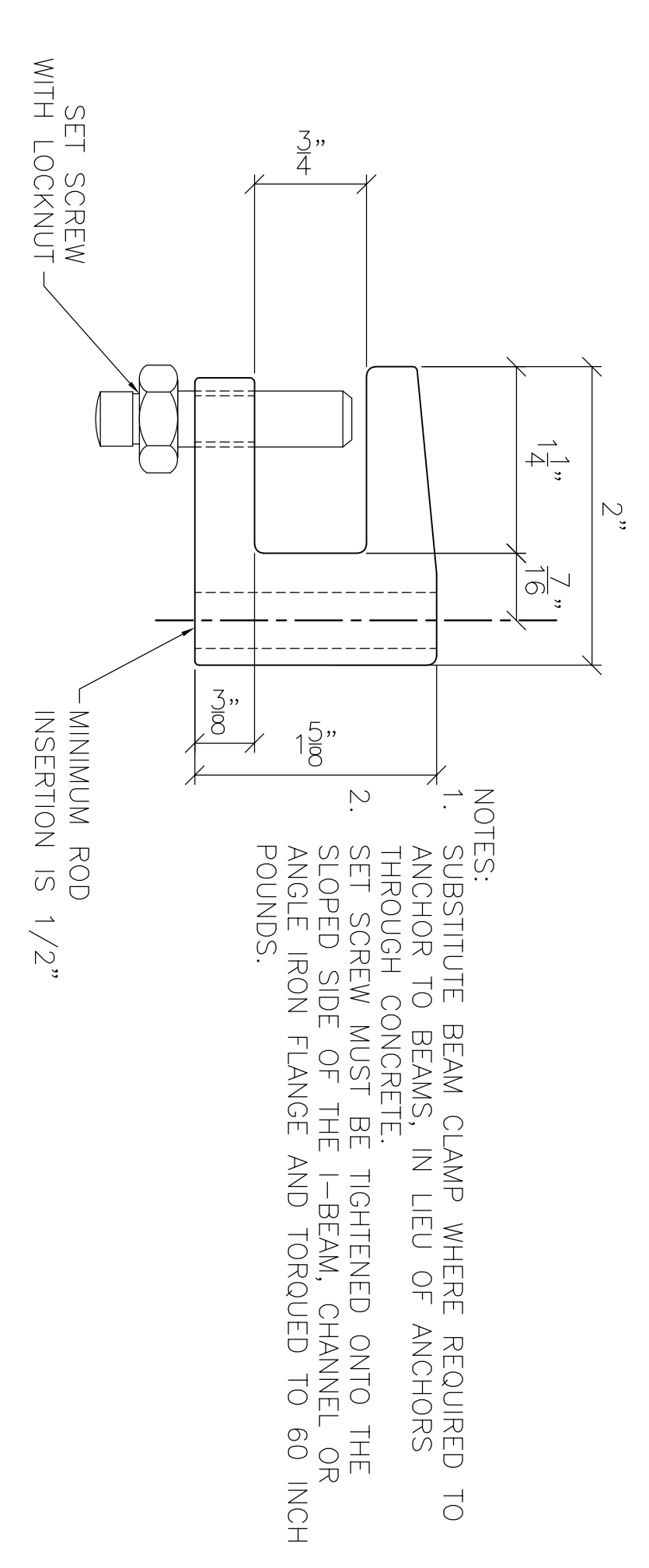
DETAIL - TYPICAL 1x4 TRANSFER UNIT SUPPORT
1x2 & 1x6 TRANSFER UNITS SIMILAR
SCHEDULES



1
G-011

DETAIL - TYPICAL TUBE AND BEND SUPPORTS

SCALE: N.T.



2
G-011

DETAIL - 3/8" BEAM CLAMP

SCALE: 1/8" = 1'-0"

[illegible]